

25
CENTS



A Big Book of Hobbies



CATALOGUE

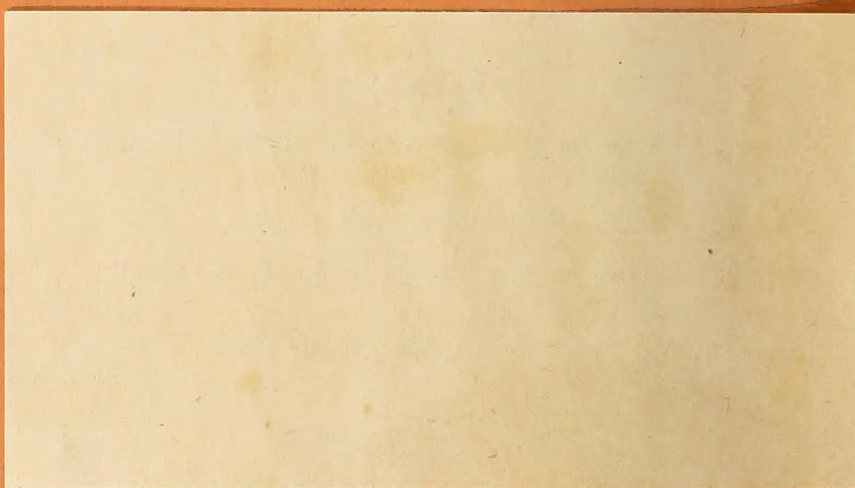
*For the Man Who
Likes to make things*

HOBBIES LIMITED
TORONTO



ERRATA

- Page 33. Handy Parcel of wood shown as \$1.50 should be .50
- Page 59. Postage on Compasses should be .05
- Page 78. Bottom of page—Postage shown as .22 should be Postage .02
- Page 130. No. 37 Special should be No. 84 Special.



MAIL ORDER INFORMATION

A special Department has been detailed to deal promptly and efficiently with all orders for shipment to outside points, and in order that we may maintain our high standard of service, we ask customers to note carefully the following information.

1. TERMS—CASH WITH ORDER. Remittances may be made by Post Office Money Order, Postal Note, Express Money Order or Bank Money Order, and should include sufficient to cover return postage. Do not send money unregistered by regular mail. Canadian postage stamps will be accepted instead of cash in amounts up to 25 cents. Newfoundland and United States stamps cannot be accepted.

2. C.O.D. SHIPMENTS. Owing to the additional expense incurred for C.O.D. fees, we do not recommend this method of shipping, particularly for small orders where the C.O.D. charges are often out of all proportion to value of goods ordered. It will save time and money then, if customers send cash with order wherever possible. If, however, it is necessary to specify C.O.D. shipment, kindly include remittance equal to 25 per cent. of value of order.

3. POSTAGE AND EXPRESS. It will be noticed that return postage is quoted for most of the items listed. This should prove of great benefit, particularly to those who reside in the Western Provinces. In order to simplify matters, we have taken an average of the different rates, and agree to pay ourselves any additional postage that may be necessary.

If, on the other hand, the actual postage is less than that quoted, we undertake to make good the difference. It will thus be seen that the customer benefits all around. Although we quote *postage* on goods in this Catalogue, it is possible to send items bearing a postage of 15 cents or over, by Express, providing an Express Office is located at destination of parcel. Parcels weighing 1 lb. upwards may be sent by Express at rates approximate to Parcel Post. Where parcels are bulky or of extreme length or width, Express shipments are to be preferred. We can ship Express collect except to stations where there is no Agent. Please note that postages quoted in this Catalogue do not refer to parcels addressed to U.S.A.

4. CORRESPONDENCE. Do not write questions or matters of correspondence on the order blanks. It is better to write these on a separate sheet of paper. If you have occasion to write us about goods supplied on a previous order, please be sure to return the numbered Docket which we send out with all orders.

5. MACHINES are usually sent Freight collect except for short journeys when Express is quicker and cheaper.

6. Always use Hobbies order blanks and envelopes. A supply will gladly be sent upon request.

Prices in this Catalogue are subject to change without notice.

HOBBIES LIMITED, 54 WELLINGTON STREET W., TORONTO



The ENSIGN OUTFIT

A bright card of modern tools for the young beginner. Notice the latest pattern handle to the hand-frame which gives a comfortable grip without tiring the wrist. The colored design is for a small working model which the beginner can make.

Contents

An 11 in. "Truhold" hand-frame, giving an upright saw when held normally, a boy's drill with bit, a useful fret-work hammer, a steel cutting table with clamp, half-a-dozen Hobbies saws, and a Colored Design pasted on wood for a simple Model.

1.75

Postage .20



The Guarantee



of good Tools



You can trust HOBBIES Outfits



The NELSON OUTFIT

Notice the wide range of tools and the comfortable handframe. A useful metal rule and a sandpaper block are included. The metal table is of polished steel with rounded edges, thus facilitating movement of the work.

Contents

A "Truhold" Handframe, with special handle, a polished oval cutting table with cramp, an archimedeian drill with bit, a sandpaper block, a dozen Hobbies' saws, a hammer, 6 in. rule, wood and design for a simple model.

2.25

Postage .20

The RENOWN OUTFIT

This Outfit contains, in addition to a wide range of tools, the popular Lever Handframe. The tension on the sawblade is easily obtained by means of the lever on the top saw clamp.

Contents

Lever Handframe, polished cutting table, with steel cramp, a hammer, drill with one point, steel rule, sandpaper block, two dozen fretsaws and wood and design for making an attractive model.

3.50

Postage .25





Two New Boxed Outfits

The CROWN OUTFIT

A boxed Outfit at a low price. All tools in a box with strong hinged lid. A 48-page book of instructions is included as well as a simple pattern ready pasted on a piece of wood. The box is 1 ft. 2 ins. by 10½ ins.

Contents

A special light handframe with wooden handle, oval metal table with clamp, a dozen spare sawblades, drill and bit, sandpaper and block, a simple pattern on wood and an instruction handbook.

1.85

Postage .25



Hobbies Tools are made to do their job well, and to last a lifetime



The NATIONAL OUTFIT

A wonderful range of tools, in a strong box, 14 ins. square, fitted with hinged lid. The handframe is the very latest "toggle-lever" type, which makes the saw easily put in and quickly tightened. A big advance on any other kind.

Contents

A latest pattern handframe with a dozen spare blades, polished cutting table and clamp, small fretwork plane, hammer, metal drill, and three bits, sandpaper block, two simple patterns on wood and a 48-page book of instructions.

3.50

Postage .35



The A1 OUTFIT

The A1 has won popularity by sheer good value in British-made tools. There is nothing to equal it, and the beginner who wants a complete set of tools, with wood, designs, and a handbook on how to begin should plump immediately for the A1. The tools are contained in a strong box with a hinged lid. The handframe is the famous "Lever" type which has an instantaneous tensioning device and allows the use of shortened sawblades.

Contents

14-in. lever handframe, archimedean drill with two bits, cutting table with cramp, two dozen sawblades, plane, fretwork hammer, sandpaper block, 48-page illustrated handbook of clear instructions for beginners, and simple fretwork designs with sufficient planed fretwood, for making six useful everyday articles.

\$4.50

Postage .40

The A2 OUTFIT

One of the big points to notice is the addition of the Triplex Handframe in this outfit. This pattern provides three levers for tensioning the saw, but all done by a single movement. The handle, too, is shaped for a comfortable grip. The drill included is fitted with ball weights, which create high speed for quick cutting. The outfit has a really comprehensive range of tools, all contained in a large roomy box with hinged lid.

Contents

A 12-in. Triplex Lever Handframe, a polished steel cutting table with cramp, a drill with four bits, sandpaper block and refills, hammer, screwdriver, polished steel rule, plane, three dozen blades, a 48-page handbook of instructions, and planed wood and designs for six simple pieces of work.

\$6.00

Postage .45





TWO BIG-VALUE OUTFITS

These two sets are for those who want something a little cheaper than the standard HOBBIES Outfits. By scientific production and marketing methods, and by eliminating some of the high finish found in our other sets, we are able to offer these "big-value Outfits" at amazingly low prices. Each contains a useful assortment of tools held to an attractive display card 16 in. by 11 in. Printed instructions and a fretwork design are also provided.

The H1 OUTFIT

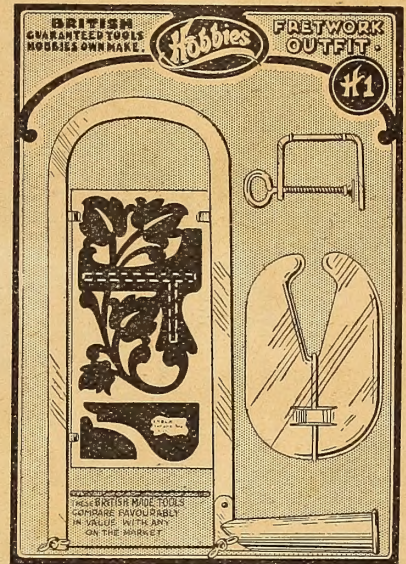
Imagine a HOBBIES British made Outfit for .65! You never thought sixty-five cents could go so far. Neither did we until we came to working out the minute details of production and selling. Remember, anyone can offer cheap, inferior tools at a low price, but to combine quality and low price is an achievement. Here, then, is the H1 Outfit offered to you with the HOBBIES guarantee of satisfaction.

Contents :

12 in. Handframe and Saw
Steel Cutting Table
Strong 2 in. Cramp
1 doz. Fretsaw Blades
A Simple Design
Working Instructions

.65

Postage .20



The H2 OUTFIT

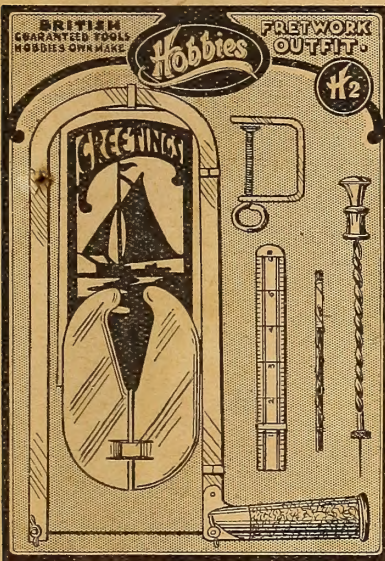
The largest—and best—of the "big-value Outfits", the H2, is a wonderful achievement of British brains and enterprise. Sixty cents more than its smaller brother—the H1—and worth it! Here is a complete Fretwork Outfit guaranteed to give the kind of service you expect from a product of the HOBBIES factory. In no instance has quality been sacrificed to price.

Contents :

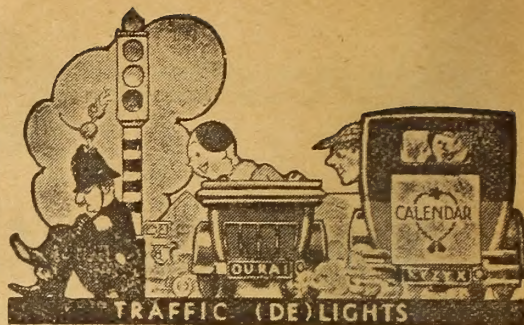
12 in. Handframe and Saw
Steel Cutting Table
2 in. Fretwork Cramp
Metal Drill and Bit
6 in. Steel Rule
1 doz. Fretsaw Blades
Fretwork Design
Working Instructions

\$1.25

Postage .20

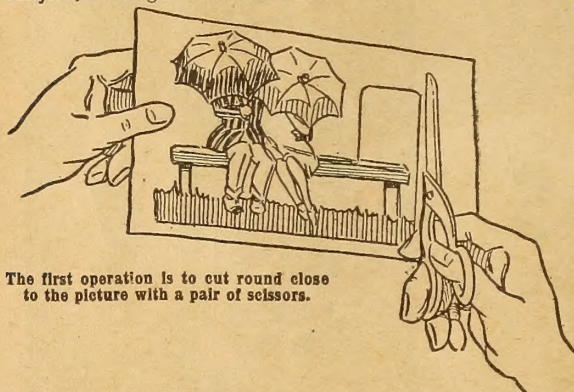


Make Money with CUT-OUT CALENDARS



Thousands of these delightful standing calendars are made every year, and many keen workers make an excellent profit out of it. A colored picture is made to stand, cut out in wood, and made useful by a monthly tear-off date pad.

HERE is a way in which owners of a few fretwork tools can make really good use of their time, in turning out those little statuette calendars which always prove so popular. They are made for a few cents in colored pictures, mounted on a small piece of wood which also bears a calendar date pad. The pictures are usually of some quaint or novel subject, costing five or ten cents.



The first operation is to cut round close to the picture with a pair of scissors.

Plywood or fretwood can be used for mounting them, and a small strip will provide a heavy base to make them stand. The date pads cost another five cents each, and the only work involved is the cutting out of the outline of the work and fixing the wood to the suitable base. Thus the whole thing can be completed in about half an hour, and forms an ideal pastime for odd times in the evenings.

For Your Friends

These calendars, too, are just the thing to make up for your friends, and we know a large number of readers who not only make up half a dozen for their own relations, but who make up a very large number and sell them for other people to give away or to the shops and stores which make a display of them in their Christmas bazaars.

Easy Work

The great thing which appeals probably, is the simplicity with which they can be made, and the small cost at which they can be turned out.

These pictures are pasted on wood, cut out and made to stand so that when the addition of a calendar pad for the year has been made they form novel and pleasing little gifts for any friends. Moreover, they are just the thing to make up in dozens and supply to stationers, bazaars, and stores, when people are thinking about Christmas presents.

A very large number of readers of this Catalogue get in a stock of wood and pictures and make them up to this end. It is indeed a profitable pastime, for they can be made quite cheaply and sold to the shops at a price which allows a good margin for the work involved.

As Trump Indicators

Generally speaking, the pictures are of two kinds. There is the class which has the calendar only, and there is the other class, which in addition to providing the date, also serves to indicate the suit of trumps for any card game. The latter are even more novel than the plain calendar, because by an ingenious arrangement some movable portion is made which serves as the actual indicator, for the suit required. Several of these are illustrated in these pages.

Quite Cheap

The pictures themselves are printed on strong art paper, and in bright colors. The illustrations herewith do not really do them justice. They only cost .05 or .10 each, whilst the calendar pad itself for the year costs but a like amount. Almost any wood is suitable, but, of course, it must be thin in order not to be obtrusive. Plywood is perhaps the most serviceable and suitable, because it is strong and yet can be obtained in quite thin boards.

The first thing is to obtain pictures which suit the



Next is to cover the back of the paper thinly with paste and put it down on to the wood

individual taste. Choose which you like out of the wide range shown in these pages, and get in as many as you think will be required.

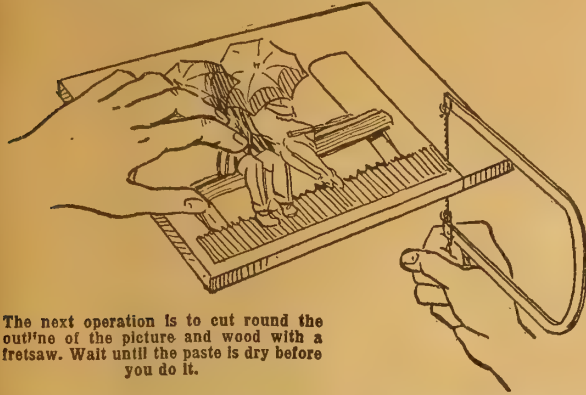
Then get a piece of plywood either $\frac{1}{4}$ in. or $\frac{3}{8}$ in. thick on which to paste the pictures themselves. If a number of calendars are being made up, the most economical way is to buy a panel of plywood and arrange the pictures thereon, with the least possible

CUT-OUT CALENDARS

waste of material. Use Jig-saw Glue and get them down perfectly flat, being careful to keep any of the glue itself off the coloured picture.

The Method

Cut the picture round with the scissors and paste it down carefully and cleanly to the board. Wait until the paste is dry, and then cut round the outline with the fretsaw in the usual way. The pictures are so arranged that there is no more work to be done, but



The next operation is to cut round the outline of the picture and wood with a fretsaw. Wait until the paste is dry before you do it.

in cutting pay particular care to the lower edge of the picture, which is always straight. If it is cut as a wavy line, the finished calendar will not stand level.

If you have a cutting table which can be tilted—as on a machine—have the saw cut so that it goes through the wood at an angle which provides a bevel to the edge. Thus the thickness of the wood will not be so apparent if it slopes inwards towards the back surface. Use a sharp saw to get a clean edge, and afterwards clean up the back with a light rubbing of glass-paper.

Treat the Edges

The picture itself is completed with the addition of a calendar pad, which is pasted on where indicated on each subject. The edges of the picture and the back surface of the wood should be painted entirely black with Indian ink or Eggshell Black, such as is supplied for the purpose. The front of the picture can be varnished, provided that absolutely clear varnish is used.

To Make It Stand

The subjects are made to stand by the addition of a baseboard, which either takes the form of a strip of grooved moulding or a plain blocking strip glued along the back. If moulding is used, it can be cut off the

same length as the picture, or extended a little beyond, and the rest of the groove filled up with a fillet and then the edge rounded off. This moulding is obtainable with groove already cut suitable for taking $\frac{1}{8}$ in. or $\frac{3}{16}$ in. wood. It is known as No. 48 and the width of the groove should be mentioned in ordering. It costs only .05 per foot.

A Stripwood Base

Another method of forming a stand is to cut a length of $\frac{1}{2}$ in. square stripwood and glue to the back, keeping it a little shorter than the actual length of the picture. If the picture is large, a larger size of stripwood is required, and it is glued flush with the bottom edge of the subject to make it stand upright, or can be lifted a little in order to make the picture slope backwards slightly.

Or a Photo-frame Strut

Yet another method is to fit on to the back one of the little photo frame struts. The smallest one, $3\frac{1}{4}$ ins. high, is the most suitable, and it is fixed to the back by the means of the hinged joint held by four short nails or screws. These latter should not be more than $\frac{1}{8}$ in. long or they will pierce through the wood and show on the front. Get the right height, lay the wire strut on the back with the bottom level with the edge of the wood. Fix the hinge in place and screw at the top, and it will be found when the picture is stood up that it slopes backwards just sufficient to allow the strut to open out at the right angle.



The picture is completed with a calendar pad, and the edges of the wood are painted black or in colors.

The work is finally completed by coloring the surface of all the wood which shows, either black or to some suitable shade. If a moulded base is used this must be taken off and painted separately. The back of the picture is also colored and, of course, the edges of the wood done carefully so that none of the paint is allowed to run on to the face of the picture itself. This is best done with an ordinary school paint-brush.

The most popular class of coloring for this is the



These back views of the picture illustrate the various ways in which a calendar picture can be made to stand upright.

CUT-OUT CALENDARS

Egg-shell Black sold in bottles for .25 This provides a dull black surface, is easy to apply and quickly dries. Moreover it will not run as ordinary water stain is apt to do.

A more striking effect is obtained if the edges of the actual picture are painted the same colour as that portion of the picture on the front. That is, if a boy's coat is red, the edge marking out the coat should also be colored red. Water stain can be used for this, but a more suitable material is ordinary poster paint, which can be obtained quite cheaply at any stationer's. Of course, if one has a range of ordinary enamel paints, that is better still.

The calendar pads themselves are supplied in suitable sizes for putting on to these pictures, and are

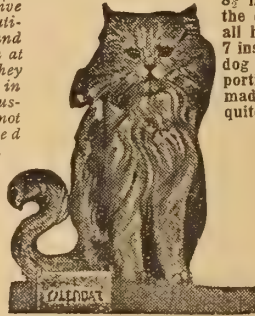
merely pasted in the position indicated on each of the subjects. The calendars are square or oblong and may be ordered by simply giving the reference number printed on each picture.

A full list of the numerous pictures which are obtainable is provided herewith, and it will be seen that the cheapest way to buy them is by the dozen. A wallet of pictures is also provided, and in this case the subjects are generally smaller and not quite so original and novel as the others. They are, however, splendid bargains for the price, and to those who cannot afford the more elaborate pictures, will serve quite excellently to start upon. In any case, the cutting of calendar pictures makes a pleasing and profitable pastime at any time before the beginning of a new year.

A SET OF 3 PICTURES IN COLOR No. 5022 .20 Post .03



A Set of three very attractive subjects beautifully printed and a real bargain at the price. They are sold only in set form as illustrated and cannot be obtained separately.



The two cats are 8½ ins. tall and the dog 7½ ins., all having bases 7 ins. long. The dog is cut in two portions and made to stand in quite realistic style.



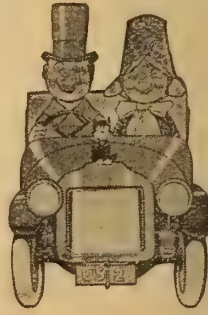
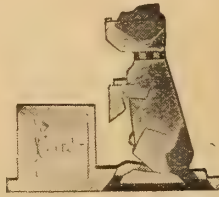
CALENDAR WALLET OF 6 PICTURES

This Series has already proved exceedingly popular. Each subject is well printed, in colors, ready to paste down. "The Maid of the Mill" has a reversible head which disappears and gives place to mill sails. The pictures are all about 5 ins. high and particulars are printed with each.



6 Pictures
in Color

.20
Post .02



SMALL CALENDAR PADS

Printed blue on ivoryine.
No. 6181. 1½ ins. wide .30
No. 6108. 3½ ins. wide .40
Postage .02



Suitable for calendars and fretwork designs. With monthly pads.
No. 6145. 3½ x 2 .05 each, .50 doz.
No. 6184. 2 x 1 .05 each, .50 doz.
No. 6186. 2½ x 1½ .05 each, .50 doz.



Used on the small cut-out calendars illustrated.
No. 6165. 1½ x 1½ .05 each .50 dozen.
No. 6202. ¾ in. square .05 each, .50 doz.

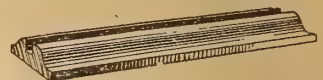


CUT-OUT CALENDAR SUPPORTS

No. 6186. Support clip and hinge, 3½ in. high, .20 per doz., post .05



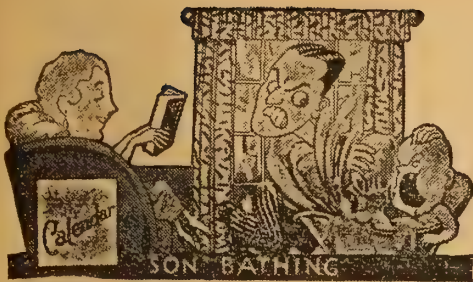
No. 48 moulding with ½ or ¾ in. groove, .05 per ft., .55 for 12 ft.



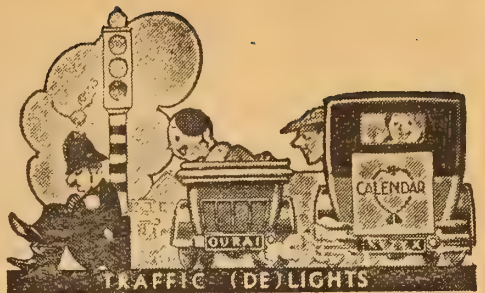
ADD SUFFICIENT FOR RETURN POSTAGE WITH YOUR ORDERS

Hobbies special spring clip support. No. 6174. 3 for .10 post .03





Both pictures
are on one
sheet—No. 5026,
at .10 for the
two. The Calen-
dar is 6202, price
.05 ea. or .50 dz.



No. 5015.—Family Ties. Size 7 by 4½, .05 each, .50 doz. Calendar No. 6166, .05 each, .50 doz.



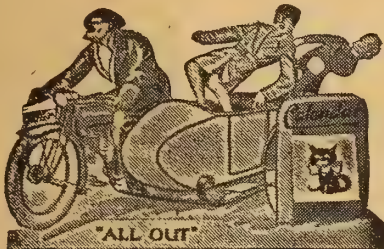
No. 5023.—Fruit! Size 8½ by 5½, .05 each, .50 doz. Calendar No. 6165, .05 each, .50 doz.



No. 5018.—Dates am Good. Size 8½ by 5½, .05 each, .50 doz. Calendar No. 6165, .05 each, .50 doz.



No. 5012.—Marking Time. Size 4 by 6½, .05 each, .50 doz. Calendar No. 6164, .05 each, .50 doz.



No. 5013.—All Out. Size 8½ by 5½, .05 each, .50 doz. Calendar No. 6165, .05 each, .50 doz.



No. 5021. Don't Monkey with the Date. Size 7 by 8½, .05 each. Calendar, No. 6164, .05 each, .50 doz.

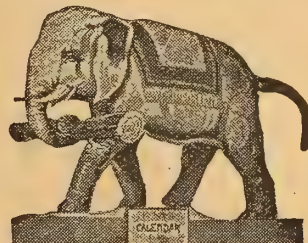


No. 5010.—The Non-Runner. Size 6½ by 4, .05 each, .50 doz. Calendar No. 6164, .05 each, .50 doz.

No. 5011.—Moonlight Fancies. Size 4 by 6½, .05 each, .50 doz. Calendar No. 6164, .05 each, .50 doz.



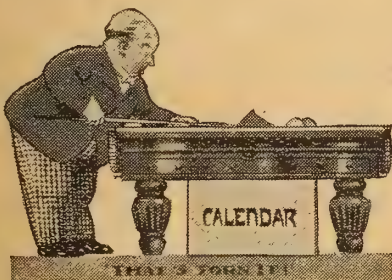
No. 5014.—Tension. Size 8½ by 5½, .05 each, .50 doz. Calendar No. 6165, .50 each, .50 doz.



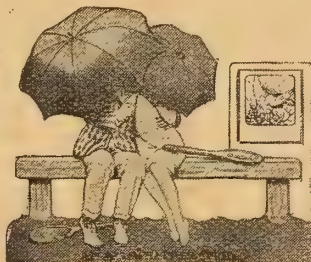
No. 5019.—A Trunk Load of Good Luck. Size 10½ by 8½, .10 each. Calendar No. 6164, .05 each, .50 doz.



No. 5020.—Sex You! Size 3½ by 8½, .05 each. Calendar No. 6164, .05 each, .50 doz.



No. 5003.—That's Torn It. Size 6½ by 4½, .05 each. Calendar No. 6164, .05 each, .50 doz.



No. 5002.—An All-Weather Court. Size 6½ by 5½, .05 each, .50 doz. Calendar No. 6165, .05 each, .50 doz.



No. 5024.—Size 6½ by 3½, .05 each, .50 doz. Calendar No. 6164, .05 each, .50 doz.

A "TIVOLI"

BOARD

A TIVOLI BOARD is very easily constructed, and once

made, will provide amusement for hours. In the board which we are about to describe, there are no difficult joints to make, and all the work is of such

a nature that the merest amateur should be able to make a neat and strong job of it. The board can be made in various sizes, but the size given here will be found to be very convenient for the ordinary size table. The plan (Fig. 1), shows a 10½ in. table.

The base of the board consists of a piece of ¾ in. plywood, but if the end grain of this (which sometimes shows up badly), be objected to, then ⅝ in. or ½ in. plain wood or even mahogany may be used. Square up the piece 22 ins. long by 10½ ins. wide, and around the edges glue and nail on strips 1 in. wide and ½ in. thick to the top surface. The side strips measure 22 ins. long, while the end strips are 10 ins. long.

At a distance of 5⅝ ins. down from the top end of the "tray," shallow recesses must be cut in the side strips inside to take the ends of a semi-circular strip bent round and glued in. This strip is of thin plywood or stout card, the former making, of course, the stiffer and better job. The piece is 16 ins. long, and 1 in. wide, and small fret nails or pins will help to hold it in place at the sides and at the back.

The two long partitions and the four short ones are cut from ½ in. wood 1 in. wide, with both rounded at one end. The long partitions are similarly rounded off, the shaping being done with fretsaw. The spacing of the partitions is given in the plan (Fig. 1), and they are glued in place with a few pins or screws put in from underneath before the glue has set.

To form the spring slide in the right-hand partition, a 6½ in. length of ½ in. diameter dowel rod is required, and a square block of wood 1½ ins. by 1 in. by ½ in. thick. Bore a hole in the rod, and glue in the block of wood and glue in the rod. Additional hold may be obtained by adding

Parcel No. 134, supplied by Hobbies Limited, contains all the necessary wood. Price, .85 Postage .20

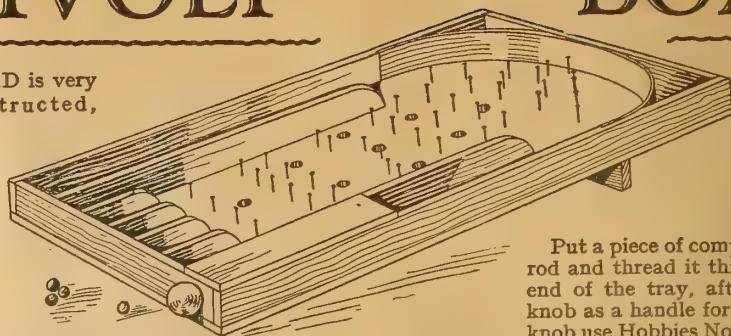


Fig. 2—A detail of the spring and plunger which strikes the ball.

a washer which should be glued on as shown in Fig. 2. Bore a hole in the end of the "tray" ½ in. in dia., and slightly enlarge with a piece of sandpaper.

Put a piece of compression spring on the rod and thread it through the hole in the end of the tray, afterwards gluing on a knob as a handle for pulling out. For the knob use Hobbies No. 15 turned knob with the shank cut off and a ¼ in. hole bored in it for the end of the rod. A suitable compression spring also may be bought from Hobbies for fitting to the slide. Ask for spring No. 431.

Above the spring slide is fitted and glued a cover-piece, consisting of a thin wood, cut 8 ins. long and 2 ins. wide. If so desired, some small holes could be bored through this cover-piece to take cribbage pegs to mark the score.

The scoring holes for the balls are made ½ in. in diam., the top edges being rounded off with file or sandpaper. The arrangement of the holes is shown in Fig. 3, which also shows the positions of the forty-eight pins forming the barriers.

Some workers will prefer to make a better running surface than the bare wood of the board itself by gluing over a piece of green baize, and where the holes occur by damping the material slightly and pressing it into the recesses. If this covering be used it should, of course, be put on before the interior partitions and the slide are fixed.

When the board is completed, all the exterior surfaces should be varnished with two coats. The first one is rubbed down thoroughly before the second one is applied.

The back of the board might be left plain, and to raise the back edge slightly to allow the playing balls to run towards the front edge, fix a strip of wood ¾ in. wide and ½ in. thick, as indicated in the sketch. Over the holes on the back also glue on some discs of stout cardboard or thin wood.

Ordinary marbles can be used for the game, although polished brass or steel balls would be found to run better. They may, too, vary slightly in size, which would add to the skill required in shooting.

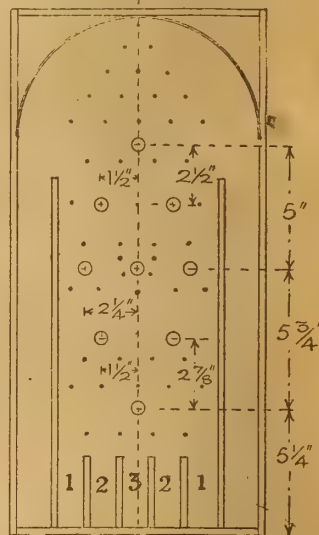


Fig. 3—How the holes are marked on the base.

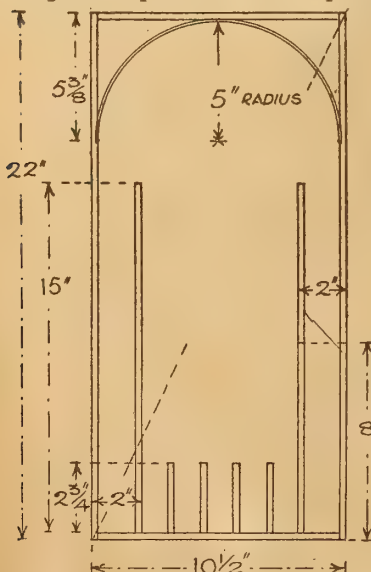
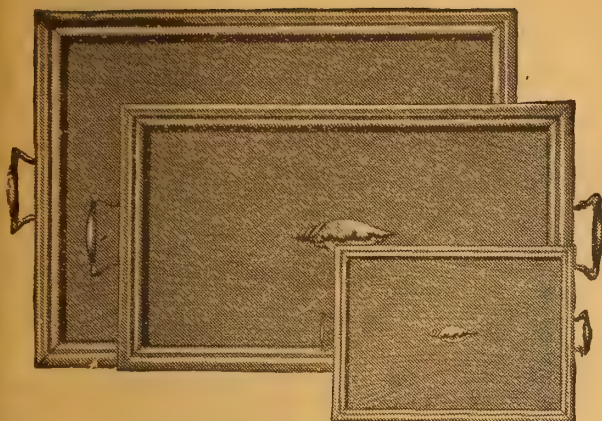


Fig. 1—How the board is set out.



TRAY-MAKING

TRAY-MAKING is always a popular as well as a profitable pastime for the handyman, probably because this article serves as a useful present. The whole thing is really so simple that anyone can take it up, and the only tools required are a small tenon saw and a mitre block, as well as glue, screws, glasspaper, screw-driver, etc., found on any work bench. Trays can be made almost any size, and to provide the necessary strength, plywood should be used.

Round its edges is placed special tray moulding which, to make the proper frame, must have its corners cut at an angle of 45 degrees to fit. Handles are screwed either to the edge of the moulding, or under the tray bottom. All these accessories are supplied by Hobbies, and to make the matter even more simple, complete parcels are obtainable as shown below.

Trays of all sizes can be made, and cheaply; and they can be made even more attractive by the addition of a small transfer in the centre, as shown in the illustration. Almost any transfer is suitable, and its size should be in keeping with the actual tray itself. Special tray corner transfers are also supplied. The whole tray is completed by giving a coat of varnish or Lightning Polish, and, if necessary, four small feet are added beneath the corners. If a more elaborate transfer is put on it will be wise to cover it up with a piece of thick plate glass to prevent it being scratched. In this case special grooved moulding is provided, and the glass itself can always be procured locally.

The process of making an actual tray is perfectly simple, and is the same whatever the size. Those who propose making them to sell should have a

selection from small to large—that is, from 12 by 8 to 22 by 12. First clean up the base-board, and run the glasspaper along the edges to round them off slightly so that they may not be too sharp. Cut off four strips of moulding—two for the sides, and two for the ends—and allow an extra length of about 2 in. for waste. The moulding, is fixed to the tray, a little in from the actual edge, so that the actual measurements will be about $\frac{1}{4}$ in. less than the actual bottom.

Do not attempt to saw ends without a mitre block; they are obtainable quite cheap, and will serve a good many useful purposes beside tray-making. By using them (1) a saw blade is held in a guide and is sure to cut the wood at a correct angle of 45 degrees. Mark up the two long sides and the two short sides together, and measure them off carefully in cutting the mitre. Do the same with the two short sides and then stand all

four pieces on the base of the tray to form a hollow frame round the edges.

Before putting the parts together decide which style of handle is to be used. Some screw beneath the tray bottom and others to the edge of the moulding. In the case of the former, it is necessary to cut a recess with a chisel so that the portions of the handle may lie flat when they

are screwed on the under-side. This is easily done by laying the handle in place and drawing round the shape with a pencil. If they are to be fixed to the moulding, however, (as in the case of No. 8), a little recess must be made on the end lengths before they are fitted to the tray.

All the parts can now be stained and treated with a coat of polish or clear varnish.

It is a good plan to add some of the small Hobbies feet beneath each corner of the tray, or to glue on a piece of baize to prevent the surface scratching the table. A variety of tray moulding, as well as all particulars of the screws, glue, etc., are given elsewhere in this Catalogue.

TRAY PARCELS.

No. 1.—Mahogany faced plywood, Base-board, 14 $\frac{1}{2}$ in. x 11 $\frac{1}{2}$ in. Mahogany moulding. Handles and Transfer. \$1.00

No. 2.—Mahogany faced plywood, Base-board, 19 in. x 11 $\frac{1}{2}$ in. Mahogany moulding. Handles and Transfer. \$1.20

No. 3.—Oak faced plywood, Base-board, 19 in. x 11 $\frac{1}{2}$ in. Oak moulding. Handles and Transfer. \$1.20

No. 4.—Oak faced plywood, Base-board, 20 in. x 15 in. Oak moulding. Handles and Transfer. \$1.40

Postage is .25 extra to these parcels.



The picture is printed on the tray bottom in brilliant glossy colors (size 18 in. by 12 in.). price \$1.00. Sufficient moulding, .80; Pair of No. 8 Handles, .50, and piece of glass (No. 5820), .80. Postage is extra, and .50 on complete parcel.

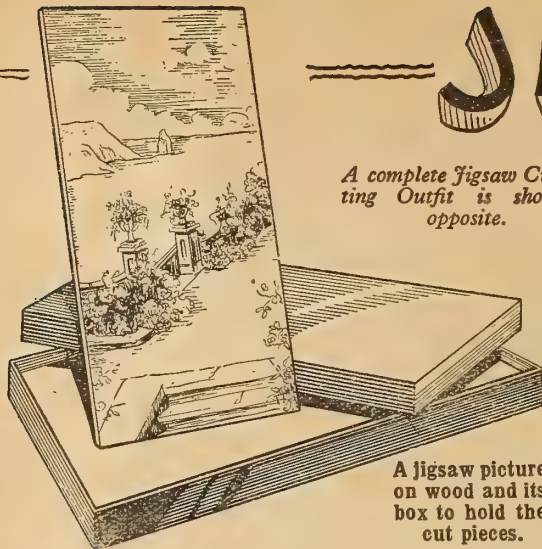
JIGSAW PUZZLES

A complete Jigsaw Cutting Outfit is shown opposite.

—and how to cut them

Any fretwood or plywood $\frac{1}{8}$ -in. thick will serve as the board, and almost any class of picture can be utilised. The picture should be squared up in a border, and not be a cut-out one the same as the ordinary statuettes and calendars.

It should be, too, a bright picture in colors, with good contrasts in character and features, so that they can be easily recognisable when putting the pieces together. The actual size is immaterial, and one popular form which can easily be made is not larger than a postcard. A wide range of specially selected pictures is provided by Hobbies Limited, in various sizes and of various suitable subjects.



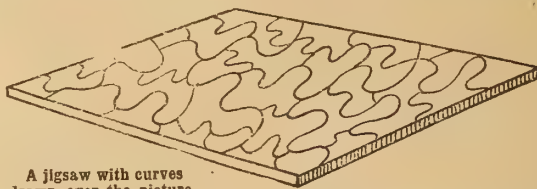
A jigsaw picture on wood and its box to hold the cut pieces.

THERE is no doubt that the cutting and making of jigsaw is one of the most fascinating and profitable of hobbies. It is one of the simplest, too, and anyone who uses a fretsaw or has a Hobbies fret-machine can get to work right away at the game. The cost is very small, for beyond a handframe and cutting table, paste, pictures, and wood, are all the material necessary.

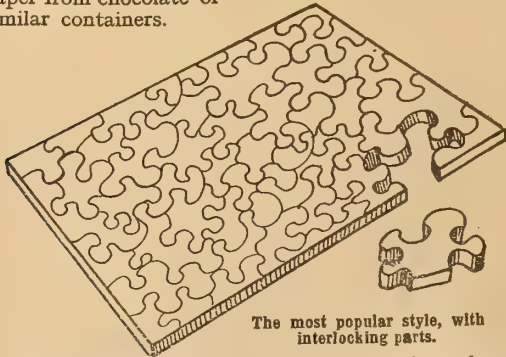
A Popular Craze.

Jigsaws are exceptionally popular just now and many amateurs can earn ready pocket-money by making up a number of the puzzles for sale, either to a stationer, a toyshop, or amongst one's friends.

As in everything else, the work must be done properly and neatly. No use, for instance, putting the puzzle in a dirty, unsightly box, with the label on crooked, and paste smeared all over it. See the wood is cut neatly, without any frayed edges at the back. Put the puzzle in a box with a neat, attractive label, using some of the fancy paper from chocolate or similar containers.

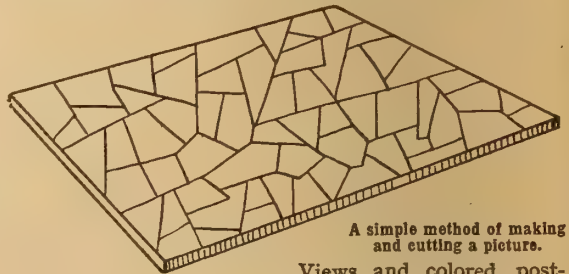


A jigsaw with curves drawn over the picture.



The most popular style, with interlocking parts.

The puzzles consist, after all, only of a piece of wood—upon which a picture is pasted—cut into a number of little parts of odd shapes. The fellow who cuts them out can make them as simple or as difficult as he likes, and this is the great opportunity of the fret-worker, and provides another use of that universal tool, the fretsaw.



A simple method of making and cutting a picture.

Views and colored postcards can be easily pasted down and cut into quite small parts, so forming a miniature puzzle which can be easily carried about and sells complete at .25. Use strong paste to get the picture down on to the wood, and have it perfectly flat.

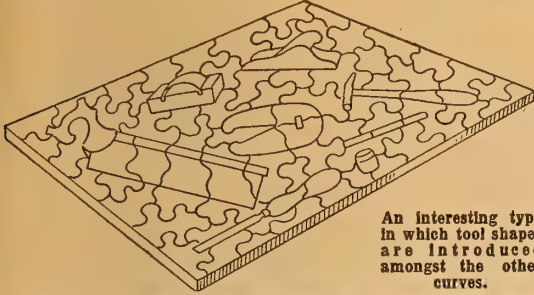
The larger the picture the more difficult this is, of course, but if the paper is turned on to a round ruler or piece of broomstick, the paste can be applied to the wood and then the paper rolled off on to it quite flat. Leave it to dry before you start to cut, and weight the wood down to prevent it warping, unless it is plywood. A special jigsaw paste is supplied by Hobbies at .20 a bottle, which is strong, clear, and ready to use.

Easy Work with a Fretmachine

When the picture is ready, mark on it lightly in pencil the actual shapes to be cut for the puzzle parts. These can be first drawn out on to a piece of tracing paper, and then reversed and put on to the picture. Get each line sharp and clear, and do it with a pencil, so that the mark can be rubbed off if necessary later. Then cut the wood with the fretsaw in the ordinary way, being particularly careful to keep the frame upright.

The fellow who owns a fretmachine, of course, has a big advantage in this way, because he can cut out very much quicker and be sure, too, that his saw is always working vertically. The patterns to which the

picture is cut can be varied. They can be straight lines or plain curves, or, as is more popular, the "blob" pieces, where a neck of wood provides a link for the adjoining pieces and holds the whole parts together securely.



An interesting type in which tool shapes are introduced amongst the other curves.

An illustration of all three is given herewith as a guide. Straight lines, of course, can be marked out with a ruler and square. The curves are described by means of compasses, whilst the third variety has to be definitely marked out entirely by hand.

Do not get the pieces too large, but, on the other hand, do not get them so small that the projections are likely to break off. If possible, get two pictures of the same subject so that when the parts have been cut the duplicate picture can be kept and used for those who are going to solve it and put the parts together again.

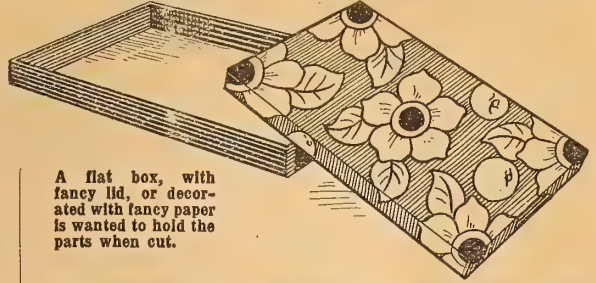
Another form of puzzle is to introduce certain features into the outline of the parts. Tools, for instance, can be put into shape or even the name of the owner of the puzzle.

Another feature is to introduce locomotives or motor-car shapes, or even figures of animals, birds, or fish, if they can be drawn in outline distinctly.

Having cut the parts, replace them as a complete picture and then turn the whole thing over so that a rubbing of glass-paper can be given on the reverse side to take off any slight burr made by the saw. Each part may have to be treated individually also in the

same way, but be careful not to rub so much as to alter the shape.

The next question is for the container in which to keep the parts. They are usually held in a small flat box, much the shape of a flat cigar-box. Indeed,



A flat box, with fancy lid, or decorated with fancy paper is wanted to hold the parts when cut.

that class will do quite well if you can obtain some boxes from the local cigar store which in the usual way holds twenty-five cigars flat. Most chocolate boxes, too, are useful for the purpose, and they should be covered

with thin fancy paper which can be obtained from any stationer's for a few cents. The box, if possible, should be large enough to take the picture flat, so that the duplicate of the puzzle inside can be pasted on the top of the lid. If this class of box cannot be obtained in sufficient numbers small sacks or bags can be made of cretonne or fancy material, tied at the mouth with a piece of ribbon, or thick colored string. The box container, is preferable, however.

The cost of making the jigsaws is quite small. Suitable pictures are obtainable from Hobbies Limited, for a few cents, whilst plywood or fretwood is also quite cheap. If one is going to undertake a large number it is best, of course, to buy large panels

JIG-SAW GLUE

Those who undertake the cutting of jig-saw puzzles, calendar cut-outs, etc., should use this Jig-Saw Glue for affixing the pictures to wood. It is immensely strong, needs no heating or watering down, and is always ready for use.

It has the "grip of a giant."

.20 per Bottle.

Postage .10 extra.

A suitable Brush supplied, .05 extra.

and a number of pictures at the same time. Then, too, the worker should apply to a local stationer or box-maker and see if he cannot purchase a sufficient quantity of boxes all alike. They can be plain and cheap, providing they are covered in the manner mentioned.

A list of Jig-Saw Pictures is obtainable on application.



JIG-SAW OUTFIT

If you want to "get in" on this popular pastime here is an Outfit which will interest you. With it you can cut Jig-Saw Puzzles for your own use or for sale at a profit. The tools are of sound quality, attractively carded and boxed. The Outfit is complete, even to glue and sandpaper.

\$1.50

Postage .30

CONTENTS

A 12 inch Handframe with comfortable handle, Steel Cutting Table and Cramp, a tin of Glue, a Brush, one dozen Fretsaws, a piece of Sandpaper, and three pictures and wood ready for cutting.

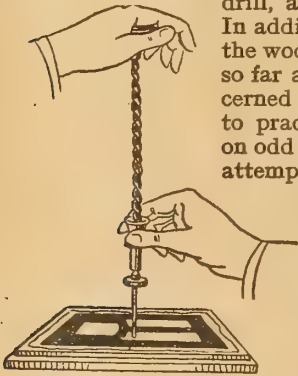


Instructions for the beginner in

Fretwork

The tools can be obtained either as a complete outfit or independently as illustrated in these various pages. In any case whatever you begin with should be enough to make a start. The essential tools are the handframe, cutting table, drill, and some spare blades.

In addition, of course, there is the wood and the designs; but so far as the beginner is concerned he will be well advised to practise the pastime first on odd pieces of wood without attempting to cut out any difficult piece of work. Learn how to hold the fretsaw properly to have control over it and to keep a vertical blade all the time. The cutting table is clamped to the kitchen table or work



How to hold a drill.

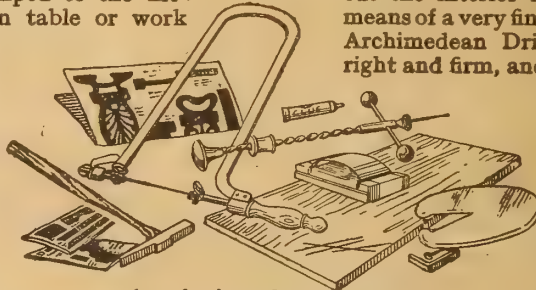
bench, and the work itself laid on so that the fretsaw cutting into it works in the V opening of the table, and this way the wood is supported on the table held down by the fingers of the left hand, whilst the handframe can cut all kinds of shapes as the wood is turned on to the blade. The beginner is apt to break a number of saws until he has had a little practice, and the wood has a nasty habit of jumping up until one has learnt to hold it with just the right amount of pressure.

The most common fretwood is probably $\frac{1}{8}$ in. but various articles call for the use of anything between $\frac{1}{8}$ in. and $\frac{3}{8}$ in. A beginner, however, should keep to the thin material until he has gained practice. The use of the thinnest wood ($\frac{1}{8}$ in.) is not recommended. It is a great advantage to have the saw taut in the handframe, and for this reason the better class frames should be used; they provide a proper spring tension by means of a lever. The saw is merely screwed up in its clamp and then the lever by being thrown over

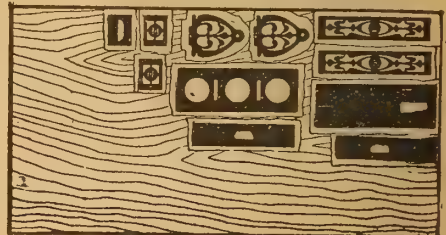
backwards brings it tight. If you take a fretsaw blade in the frame between the finger and thumb and "twang" it, it should "ping" like a high violin string. It is a mistaken idea to have the saw slack as it is much more likely to be broken when cutting.

Paste the patterns down to the wood in a most economical manner and with the grain running in the longest direction. In this way the greatest strength is obtained. Use good paste, and brush it on to the actual wood rather than on the pattern. Put the design first in its position in the centre and then rub it gently down towards the outer edges. Do not press too hard as the paper is sometimes likely to stretch and the design become distorted. On the other hand it must be put down perfectly flat so that it does not crease. Paste three or four patterns down at the same time so that when the last is in place the first will be dry enough to commence work upon.

Small holes for threading the sawblade to cut the interior frets must be made by means of a very fine pointed drill called the Archimedeian Drill. Keep the drill upright and firm, and work the bobbin again to extract it. Do not let the drill "wobble" or the point is liable to get broken. Some prefer to make the holes all at the same time, and others to leave them until they are actually going to cut each fret. The latter is probably the better method, as when two similar frets are to be cut one may find a



A set of tools, wood and design patterns, as required by the fretworker.



Paste the designs on wood with as little waste room as possible.

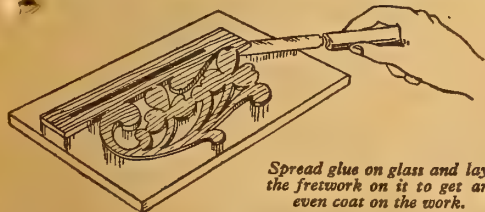
Fretwork

better position for the drill hole when the first one is completed. Owners of fretmachines of course can drill their holes by means of the treadle, as a holder for a drill is provided on the spindle of the balance wheel. Various parts of the design can now be cut out and completed. The drill hole is made first and the saw blade threaded through it and then refitted in its top clamp in the frame.

One point that the beginner has to learn is to hold the work firmly to the table and turn his handframe accurately. Cut actually on the pattern lines—not outside or inside. Where there are two frets alike in the pattern be sure they are alike in the cutting. In coming down on a thin point come down from both sides, and hold the saw very firmly so that it does not jump across the grain just at the last minute. Get a sweeping curve evenly by having a regular stroke to the saw. Do not attempt to go quickly first and do not force the tiny blade through the wood to bend it until it snaps.

Complete each piece by cutting out all the necessary frets and the edges, and then clean the parts up with glasspaper.

Do this as each piece is cut, as if all the glasspapering is left until last, it is apt to become monotonous and dull. The paper remains, of course, have to be cleaned right away and glasspaper used for this purpose. It is obtainable in various grades from coarse to fine. Use a medium grade first to clear away most of the paper and finish off with a finer grade which will not scratch the surface. The wood should be laid perfectly flat on the bench to do this, and a thin strip of wood nailed down to prevent it sliding. If you hold the work in your hands it is very apt to get broken. Glasspaper, too, is used quite flat, and should be



Spread glue on glass and lay the fretwork on it to get an even coat on the work.

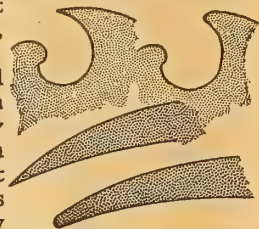
wrapped round a thick block of wood—or held in the special block supplied by Hobbies. This has a strong handle which grips the paper in two grooves.

When the parts are all completed they can be glued together as the finished article. The ordinary tube glue is quite strong enough, and too much of it should not be used. Only a very thin coat need be applied, but it should be rubbed over the whole of the part to fix, and then left to get a little "tacky" before the parts are put together.

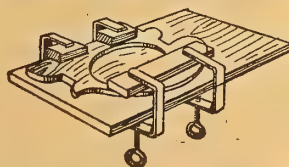
Where larger pieces of work are used they can be held down with thin fret nails, but in any case parts which are glued together should be held in a vice or cramp, or weighted down on the bench between boards until the glue has set.

As one proceeds the designs get more elaborate and various joints have to be introduced. These are very much the same as used in ordinary carpentry, and must be cut out with the same care and attention. The most common joints are halving, mortise, and butt joints.

The screws and nails used in fretwork are much smaller than the ordinary carpentry. They vary from $\frac{1}{8}$ in. in length to $\frac{3}{4}$ in., but have special thin shanks which will enable the screw to be put in without splitting the thin wood. The iron



Good and bad cutting in common designs.



Cramp the wood down when gluing parts together.

screws are stronger, as the heads of the brass ones are liable to turn off. Screwing has to be done sometimes where it is awkward, and for this reason the fretworker uses a

special long-shank driver which enables him to get it into corners which would otherwise be inaccessible. A special light hammer, too, has to be used for the nails, and wherever possible a hole should be made first to prevent any likelihood of the wood splitting. Tap the nails in lightly because they are liable to bend.

Fretwork generally is cut in good quality wood so that it is worth paying a little attention to the finish that can be given it to get the best result. The most popular method of finishing off the work is, of course, by use of Hobbies Lightning Polish, for here any amateur can produce a french polish surface equal to that of the professional. The work of course, must be all the same shade, and if some wood is lighter than the rest, must be stained down with water or spirit stain. If the wood is of open grain it must be given a rubbing of filler to produce a smooth surface and to prevent the polish sinking in. The actual polishing is the final operation, and the liquid is applied to a rubber and put over the surface of the work in a series of small circles. One or two coats will soon bring up the desired polish.

Particulars and illustrations of Handbooks of a complete guide to fretwork are shown on page 25

A PUZZLE MONEY BOX

Make this interesting box and puzzle your friends. Like most things, it is easy when you know how, but until you do it is a mystery how to get the money out once it is put in. Tell your pals to put a nickel in and say they can have it again if they get it out! Here is the way to make it from the full-size patterns printed on pages 18 and 19.

THE patterns which are printed on another page are a special gift to the worker for the making of a novel and original money-box, which provides a puzzle when completed. As shown, the box is apparently an ordinary container with a slot in the top through which the money is put. The difficulty comes in getting it out.

There is no lock and the obvious false floor at the bottom cannot be withdrawn or opened apparently in any way. The secret lies with the owner, and is to be found in the small holes in the end. By an ingenious but simple mechanism inside, the sliding floor can be released merely by pressing a matchstalk into one of the holes at one end, and it can be locked again after the drawer has been put in place, by pushing the matchstalk in the proper hole at the other end.

The Mystery Solved

The hole concerned is the one nearest the top left-hand corner, looking at the end of the box. The matchstalk or similar small stick presses on to a lever inside the box, which in turn acts on a rail glued to the floor. When the lever is lowered the catch fixes behind the rail. When it is raised the rail slides underneath and the floor is released.

From One Piece of Mahogany

The whole of the parts can be cut out from a single panel of $\frac{3}{8}$ in. mahogany, and the patterns can be pasted down, cut out and cleaned up in the ordinary way. A better plan possibly, is to trace them off so the book may not be damaged. The box itself is a plain framework of two ends and two sides, the top edges of which are all flush with each other.

The long sides are glued between the ends and further strengthened if necessary with fret pins or screws. See all the parts are square, and if possible leave the cutting of the small holes in the ends until later if they can be done with a brace and a small bit. If no bit is available, they can be cut out with the fretsaw in the usual way.

The floor is slid in beneath the two sides, and a guide piece, therefore, must be glued in both above and below to take this. Cut the floor out, turn the box over and lay the floor in place between the ends. This will give the exact indication where the runners or support pieces are to be glued on the inside of the ends. Test out that the floor slides easily, and then fix over the ends of the runners the long side rails which come between the ends (see Fig. 1).

The floor, it will be noted, has a small raised fillet piece $\frac{1}{16}$ in. square glued $\frac{1}{16}$ in. inwards from one edge.

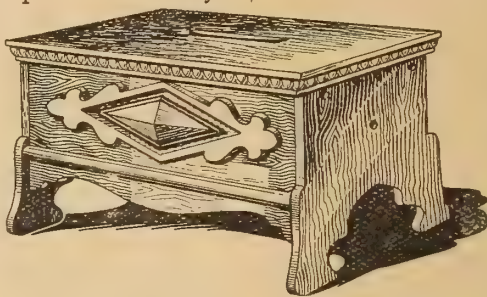
The long edges of the floor are rounded with sandpaper, and will project slightly beyond the sides even when in place. This fillet strip is a stop piece and is fixed so it comes immediately inside one of the sides when the floor is in its proper position. The top edge can be rounded if desired. In this way, the floor will slide a certain distance in and out on the runners, but cannot be taken out altogether.

A picture of the mechanism is given at Fig. 2, which consists actually of a loose catch working on a pivot which in turn is actuated by a sliding bar between the two ends. The parts must be cut accurately and fitted carefully, all the surfaces being smoothed up with sandpaper to ensure free movement. Inside one of the long sides is the solid partition measuring $4\frac{1}{2} \times 1\frac{3}{4}$ (A at Fig. 2). This is glued to the side flush with the top so the fillet stop on the floor is underneath.

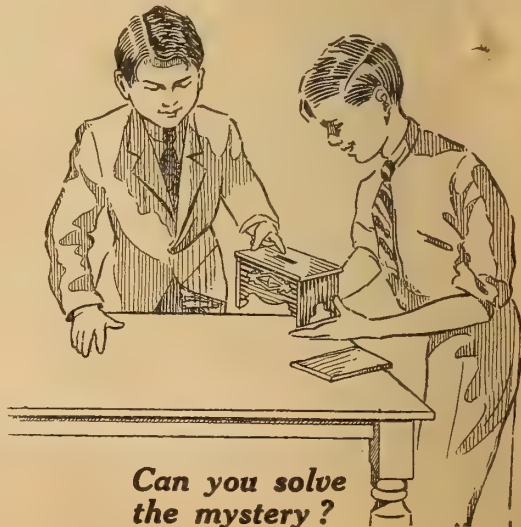
The Stops
Inside this partition are fitted two filling pieces which act as stops for the pivoted catch. They are shown as B in Fig. 2, and are glued flush with the bottom edge of the partition just fixed in, and close up to the ends. Standing on their upper edge comes the sliding bar part C which is slightly shorter than the distance between the two ends. The rounded head of

THE NECESSARY MATERIALS.

A panel of mahogany (B) to take all the parts with sufficient ornament moulding (No. 183), and two ornaments (No. 209), can be bought to make this box for .55; postage .10. If you want to purchase the parts separately, particulars of them are given in the Wood section of this Catalogue



They are shown as B in Fig. 2, and are glued flush with the bottom edge of the partition just fixed in, and close up to the ends. Standing on their upper edge comes the sliding bar part C which is slightly shorter than the distance between the two ends. The rounded head of



Can you solve the mystery?

A PUZZLE MONEY BOX

the moving catch is so pivoted to the first partition put in (A), that it actuates in the opening cut in the bar. The position of this pivot is indicated on the pattern of the partition (A), and should be so marked before the paper is cleaned off. The action of the mechanism can thus easily be seen.

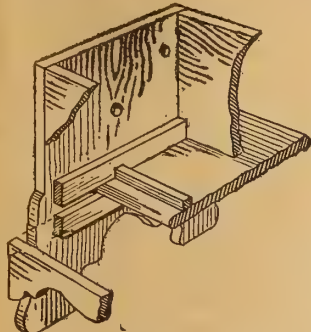


Fig. 1—The guides to the sliding floor.

The Slide Action

It is, of course, essential to get all these pieces accurately cut so the movement is simple and yet certain. They can be tested out apart from the box itself, and having been perfected can then be fitted in their proper positions. When the sliding bar is acting satisfactorily, a second and inner partition similar to the first (A), is glued between the ends and can, if necessary, be strengthened by little blocking pieces on the outside.

This partition is fixed in place so it provides a grip for the sliding bar, but at the same time is not sufficiently tight to bind it in place. It is essential to note that the ends of the sliding bar come immediately opposite one of the small circular holes in each end.

An Alternative Method

Another method is to make this mechanism up entirely apart from the box, by fitting in the loose and fixed pieces between the two partitions and then to slip in the whole thing between the two ends and glue it in place. The great point is to see that all parts work as they should.

When the sliding bar is pushed to one end it throws over the pivoted catch so the bottom straight edge is parallel with the floor, and so allows the stop on that part to slide beneath it. When the sliding bar is pushed in the opposite direction as shown in Fig. 3, the catch is pulled over, a piece of it drops below the level of the partition and so prevents the rail sliding out.

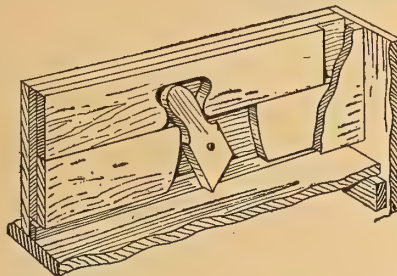


Fig. 3—Showing the pivot catch pushed along to engage the rail on the sliding floor.

Having completed it so far, it should be possible to push a matchstick through the hole at one end in order to release the sliding floor, and then to push it in at the other end to fix the floor in its proper place.

So far, the top has been omitted in order to allow the worker to get at the inside. Now that part can be cut and fixed in place with glue. It is a plain rectangle, $3\frac{1}{8}$ ins. wide and $4\frac{1}{8}$ ins. long. When it is glued in place, four pieces of the ornamental moulding (No. 133), are glued round by mitring at each corner, and keeping it flush with the top. This is shown in Fig. 4, where a part of the moulding is broken away to show the join of the top with the side.

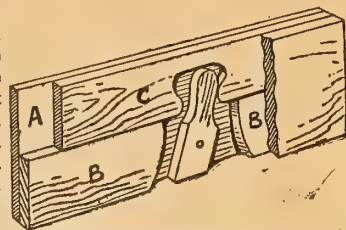


Fig. 2—The sliding bar, with the pivoted catch piece raised to open the box.

Overlays

Further ornamentation is provided by means of an overlay on each side and a small turned wooden lozenge dropped in to the centre. These overlays can be cut from the wood provided in the panel, but will look better if cut in a thinner material—say $\frac{1}{8}$ in. or $\frac{1}{16}$ in. thick—and the ornament glued over them. If the ordinary $\frac{3}{8}$ in. wood is used, the centre of the overlay is cut out as shown on the pattern, and the lozenge dropped into the aperture in a central position. If thinner wood is used it can be glued on top.

The whole box is now complete, and can be stained and polished up in the usual way.

When brought into use it will create an extraordinary amount of fun and few will be able to solve the puzzle of extracting the money until they are shown how this is done.

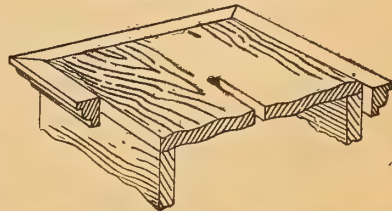


Fig. 4—How the top is fixed and decorated with strips of fancy moulding.

Further copies of the Patterns of this Box are obtainable, price .10 (Postage .01)

CHIP CARVING

21 Designs. Price .35 postage .03. Containing Photo Frames, Handkerchief Box Lid, Book Rest End, Card Case, Hair Brush Back, Paper Knife, Cruet Stand, Flower Stand, Clothes Brush Back, Watch Stand, etc.

26 Designs. Price .35; postage .03. Containing photo Frames, Watch Stands, Hand Mirror Back, Pipe Rack, Blotter, Envelope Rack, Postcard Stand, Clock Case, Glove Box, Handkerchief Box, Card Box, etc.

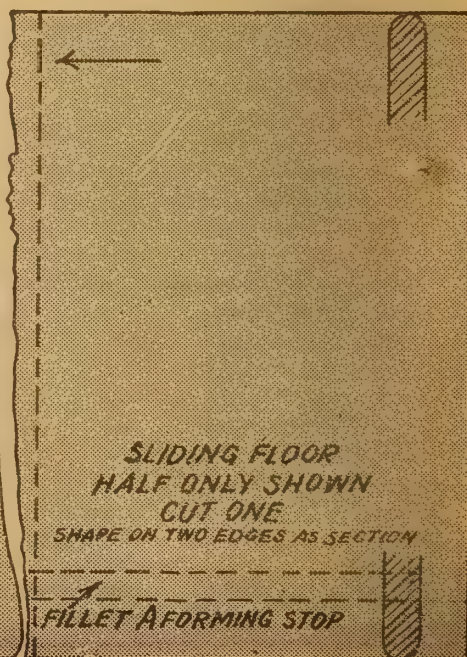
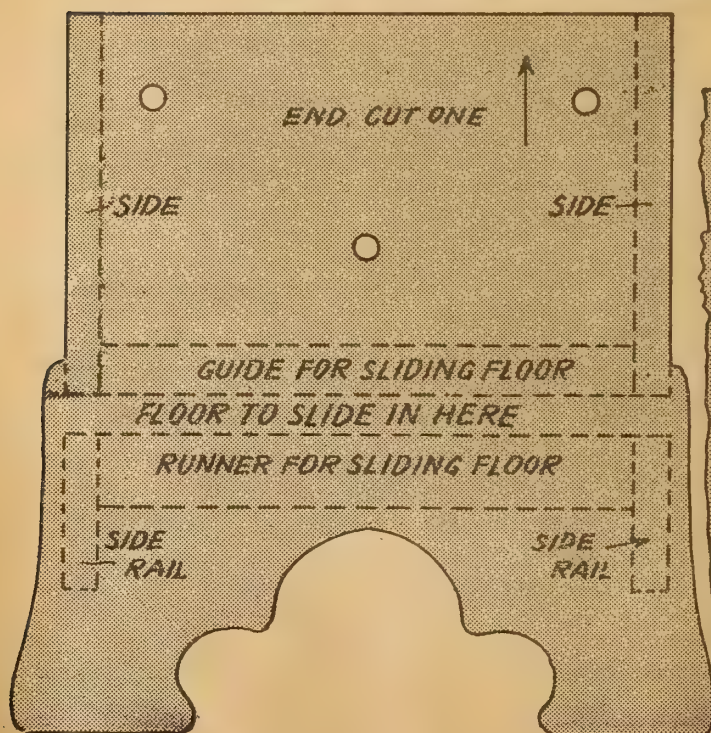
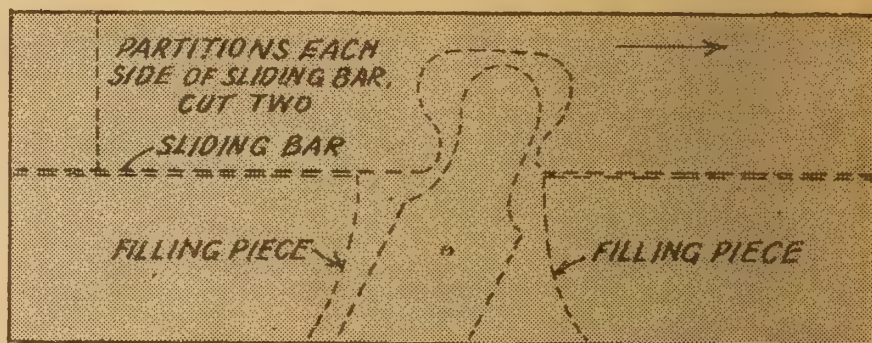
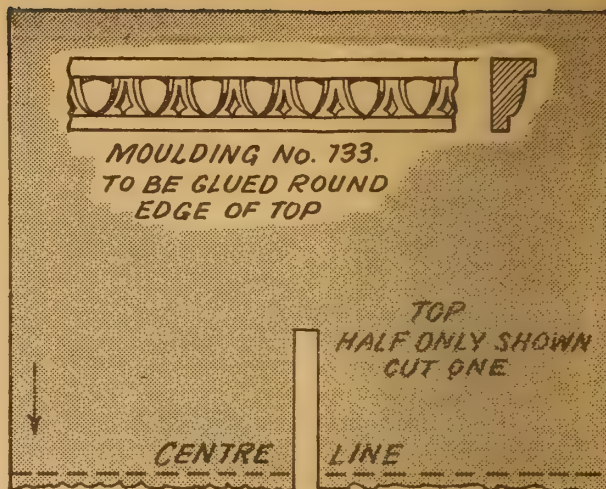
WOOD AND CHIP CARVING

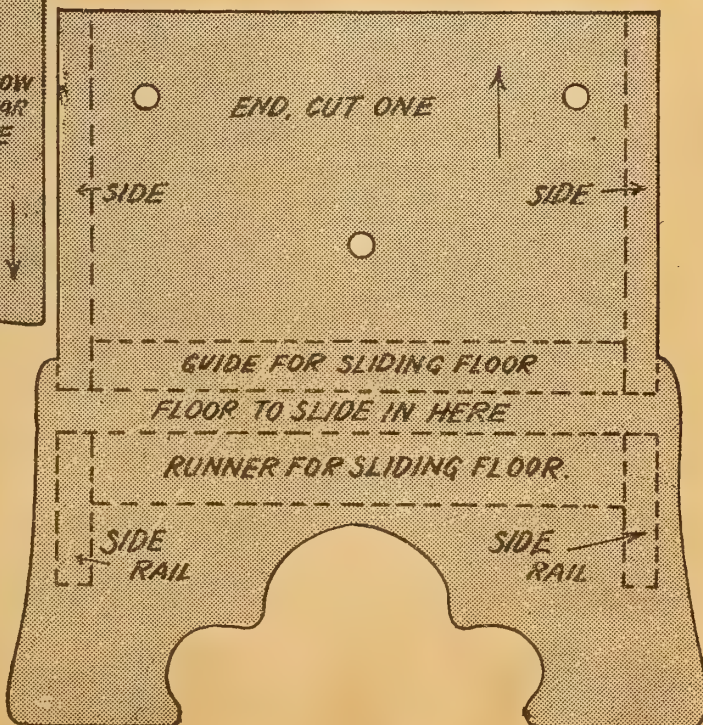
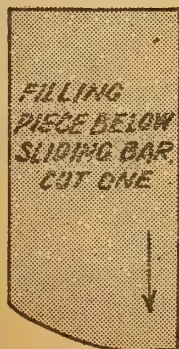
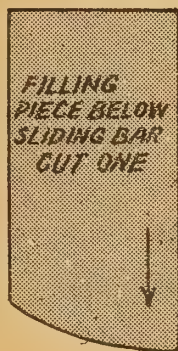
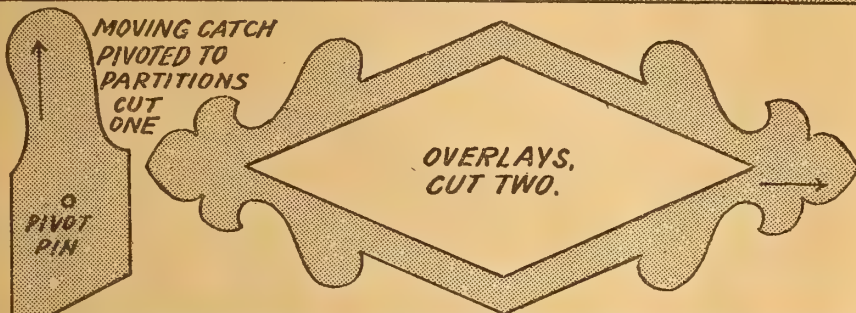
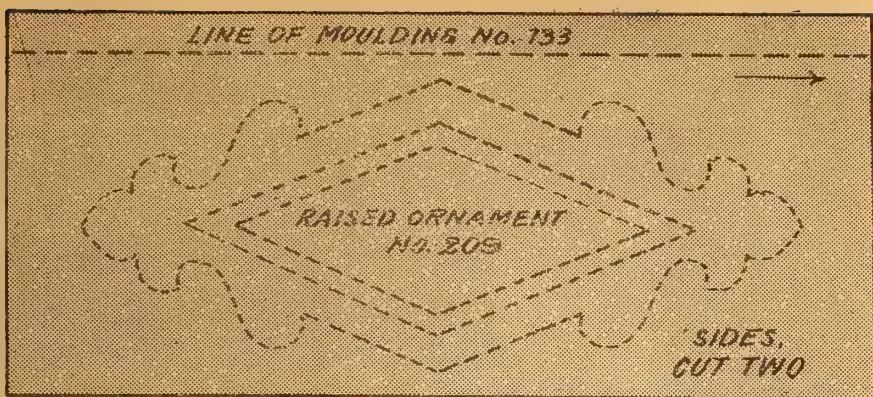
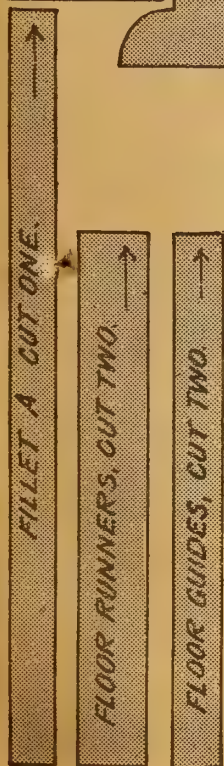
One of the most pleasing pastimes in woodwork is carving—a system of designing where the use of knives is made to carve into wood and cut a striking design in relief as decoration for a blotter or a photo frame surround. This class of work is popular in woodwork centers, whilst a large number of ladies undertake the hobby. The only outlay in the first instance is on the tools which have blades of various shapes. These are illustrated on page 68, with details of wood-carving designs, whilst designs for chip-carving are listed herewith. Wood is also obtainable for these useful pieces of work, and a price for any can be got from Hobbies on request.

A NOVEL PUZZLE MONEY BOX

These patterns are shown full-size for making the novel money box illustrated on page 16. All parts are $\frac{3}{16}$ in. thick and the number required is shown on each. How to put it together is given in the article adjoining these pages. Wood is supplied as below.

This box should be made in mahogany or similar fretwood, $\frac{3}{16}$ in. thick. We supply a special piece large enough for all parts and with the correct length of the fancy moulding and two of the handsome wooden ornaments ready to glue on each side. The cost of the parcel is .55; postage .10.







LETTERING FOR DISPLAY BOARDS

Design 724 provides four different styles of lettering and figures and with it the handyman can cut out all kinds of display notices for home or store. This article tells you how to go to work. The design sheet costs only .15

A SIDELINE which is frequently undertaken by the fretworker is that of cutting and making notices such as seen and displayed in store windows or on doors, etc. A few of them are shown herewith and they will immediately suggest the wide range possible. If you keep a store there are quite a number of these short words or short sentences which can be cut out, or again, the name of your house or a notice that fretwork is cut by you can be easily built up with the aid of the fretsaw.

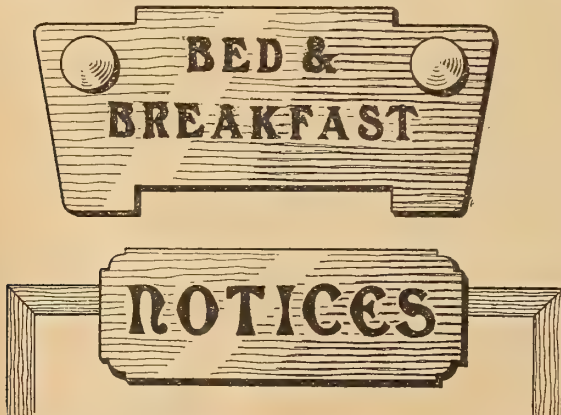
A Complete Set

The drawing of letters is undertaken by a good many workers who are draughtsmen, but as it is not everybody who can do this, a special design chart is published on which sets of alphabets and figures are given.

This design is No. 724, and on it there are four different sizes of letters and a similar number of numerals. They are in varying sizes up to 1 in. deep, and in each case the complete alphabet and digits are given. Thus, it is an easy matter either to trace off these letters, or to paste the pattern down in the usual way. It is advisable to trace them, because frequently two or three of the same letters are required.

Cutting in Wood

The work of cutting is straightforward, and the wood used depends on the job in hand. In any case, it should be reasonably thick, and cut out in such wood as mahogany, satin walnut, or sycamore. Boards with a brittle grain are not recommended because the narrow necks of the lettering are apt to get broken across or damaged.



Two examples of everyday wording which can be made up for sale at a handsome profit.

The first job is to mark out a shape in order to work up the letters into their proper sentences, and lines should be drawn between which the letters can be formed roughly. Draw this on a sheet of paper, mark

out the position of the letters with a pair of compasses and ensure that they are equally and evenly spaced. They can be either straight or sloping, or on a curve, and when the actual style is made out, the letters themselves can be traced off on to the wood.

Lay a piece of carbon paper on the board, and then put over it the actual pattern of the letter itself. Go round the outer edge with a slightly blunted pencil or sharpened matchstalk, pressing fairly heavily on the pattern evenly as one goes. Then, when this pattern and the carbon paper is taken away, the impression is left on the wood. Go over the outline again with a pencil to make the marking clear, and cut out in the ordinary way.

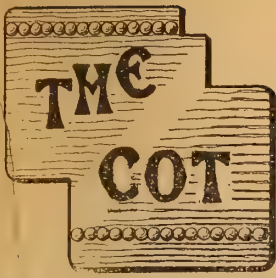
Suitable Shaped Boards

The work will have to be held quite close to the fretsaw blade, in order to prevent it getting broken. If it is essential to use thin wood, plywood is recommended because of the least likelihood of damage.

Having made out the lettering, one naturally wants to put it on some suitable and shapely panel. In order to make the letters stand out strongly, they should be finished off in black or gold, but the panel on which they are mounted can be left with the wood



The lettering is cut in wood and glued on a backboard, before being painted or stained. The index is a distinctive feature.



Two more examples of word-
ing and simple shaped boards
for putting them on. Both
are decorated with beading.

in its natural state providing it is suitably polished or varnished against the weather, dust, etc. Several suggested shapes are illustrated here, and if these are not suitable, no doubt the worker can easily make up his own.

Use Fretwork Designs

Indeed, many of the fretwork designs in this Catalogue will suggest themselves as being suitable if the outline of the back of, say, a photo frame or bracket is taken and re-drawn. The outline only is cut, and the wood for this part should be about $\frac{1}{4}$ in. or $\frac{3}{8}$ in. thick. Cut it carefully, and clean it back and front as usual. Some of the shapes are decorated with a beaded frame, whilst others have the small wooden ornaments in their corners to add a touch of distinction.

The finished board is treated with oil to darken it, or it can be stained and polished in the usual way as explained elsewhere. Then take the letters and lay them lightly in place on the board. Be sure to get them evenly spaced out, and in line. The latter can be done by laying a ruler along, and standing the letter

up to it. Make some small pencil mark here and there round the letters, to indicate their position, and then take them off again. Put a thin rubbing of glue on the back of each, and return to the former place, pressing down firmly in position.

Put another board over the whole thing when it is complete, and weight down until the glue is set. If the wood has been polished, the glue will not hold on this surface, and the polish on the actual position of the letters must be scratched away to provide a good hold. Further strength can also be given by running in some small fretnails from the back, with the ends nipped off with pincers if they protrude at the front.

The letters themselves, as has been

mentioned, should be blackened over or painted in some bright color to make them stand up from their framework, and eggshell black is very suitable for this, particularly if plywood is used. By this method the letters are raised on the background, but another way is to cut them out from a complete framework of wood, paint them and lay them back in position. They will then have the appearance of an inlaid letter, and stand up quite strongly.

Or again, the lettering can be cut round with the saw slightly on the bevel so that the parts are pressed slightly through the main portion of the wood and fit in tight, after the Antofret principle.

Beading for Ornamentation

The large variety of beading and moulding suggests itself as suitable decoration, and reference should be made to those pages in this Catalogue to select some in keeping with the particular work in hand. This moulding should not be too large, and in most cases the simple ball beading $\frac{3}{16}$ in. or $\frac{1}{4}$ in. wide is most

TRANSFER LETTERING

A simple way to add a colored letter to any natural wood is by means of these transfer sheets.

Two complete alphabets and numerals up to 10 are clearly printed in red and black. The letter is soaked in water laid on to the wood and the transfer drawn off into position. It is dried then with blotting paper and varnished over as usual. The letters are obtainable— $\frac{1}{4}$ in. for .15, or 2 in. high in complete sets for .30 a sheet, postage .03



An attractive shape and style for a house Name Plate, cut in fretwood and suitably colored or varnished.

suitable. This can be glued round straight, or even taken on angular corners.

The display board, of course, is usually hung somewhere, and to provide for this a couple of hangers are fixed to the back to allow the nails to be driven through into the wall or woodwork. The method of hanging is illustrated by the back view of one of the boards where the hanger itself is shown. These hangers are obtainable in four sizes and three different styles, as illustrated here, and only cost as little as .10 a dozen.

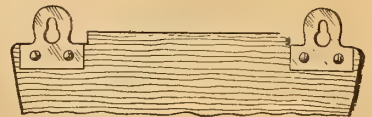
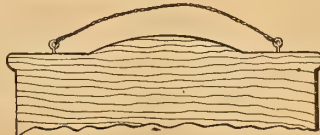
Suitable Hangers

The small ones (No. 120), are suitable for small boards, but in the case of larger ones, the brass hangers (No. 6178), are recommended. This hanger is fitted with a keyhole aperture so that the board can be lifted up and off the nails as required. In the case of the other one (No. 6134), the board must be a permanent fixture.

Another method also illustrated is to put in some of the small screw eyes, and to hang the board by means of a piece of colored string or fancy ribbon, fixed in a loop between them.



Three handy little Hangers. Details of price are given elsewhere in this Catalogue.



Two methods of hanging, one with screw eyes and the other with small brass wall plates.

MUSICAL INSTRUMENTS

The Amateur can make and play

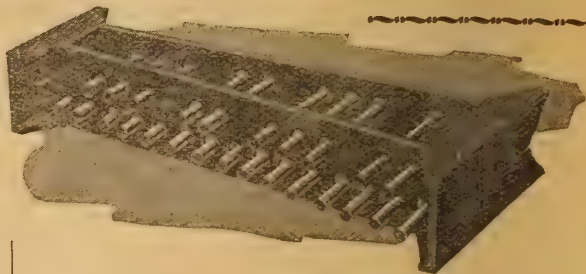
THERE are in this handbook a wide range of articles which the handyman can make, but few of them can have such a general appeal as the construction of musical instruments. Although in these days, most of us are content to "turn on" the radio, and to sit back and listen without further trouble, there is no doubt that the popularity of musical instruments to play is still very wide.

Almost any stringed instrument comes under this category, for there is something fascinating about the ability to be able to turn out almost any tune on a one-stringed fiddle, ukulele or guitar. Here it is that the woodworker again scores, for designs are published for a number of different instruments of this nature which he can make with very little experience, but with a good deal of profit.

A Guitar for \$4.25

For instance, the designs provide for the making of a guitar complete for \$4.25, with the additional cost of .25 for the design chart itself. Where else could you get a full-size playing instrument at such a figure as this? Where else, too, could you get such enjoyment in the making of a practical instrument as a gift for your friends?

As usual, the whole of the work is provided for, because not only is the design chart supplied complete, but there are cutting instructions telling you exactly how to put the parts together. The wood, too, for these instruments is supplied, and this is a great point because the ordinary common or garden fretwood or plywood



is no use where this class of instrument comes in. It has to have a special musical body in order to get the necessary tune without being harsh or weak.

Over and above this, there are, of course, the strings, pegs, etc., to be considered, and one can imagine what a job it would be in the ordinary way to go round to various stores hunting up the odd accessories required. In all cases of these design charts, however, the strings, bridge, bow, pegs, etc., are all supplied, and each one has been selected for its quality in comparison with the cost.

Instructions on Playing

Whilst it is always possible to obtain a very cheap article, these are not usually satisfactory, and one can imagine how frequently a string breaks, or a peg turns, if it is not up to the necessary standard. All those supplied by Hobbies, however, are guaranteed to stand up to the work required of them, and yet can be obtained almost for a few cents.

Having completed the instrument, the owner wants to get on with the playing of it, and possibly can hardly afford to take any meals until he has mastered the first chords and been able to play, with one finger at least, "God Save the King," or "The Blue Bells of Scotland." Here again, the beginner has everything provided, because there is a handbook for each of these instruments which not only provides the correct fingering, but gives simple illustrations and provides a few straightforward tunes upon which to practise.

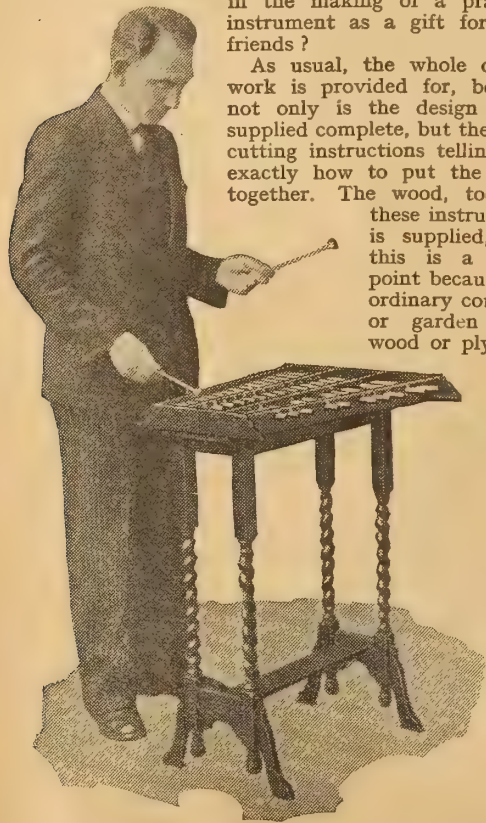
Easy to Construct

The actual tools needed are the ordinary fretsaw, table, drill, blades, sandpaper, etc., whilst a small plane, tenon-saw, and one or two ordinary carpentry tools are an additional aid.

The patterns provided are printed mostly full-size, so as to be ready to paste down on the wood. If it is the intention of the worker, however, to cut out more than one instrument, it is a good plan to trace off these patterns in order to preserve the original chart to use on future occasions. Another method is to put a piece of carbon paper on the wood with the pattern itself held over it with drawing pins. Then, by going over the outline of the actual design, the shape is transferred to the wood and the chart itself is taken away undamaged.

Points to Remember

It is one of the great points in the construction of these things to take care and to be accurate. An essential feature is that all parts fit together, particularly in the body work where a sound-proof frame is necessary. The gluing up may take longer than in the



HOME-MADE MUSICAL INSTRUMENTS

ordinary case, because the thin sides of most of the bodies have to be held firmly until the glue is set. Have patience, therefore, in completing the instrument, and see that each part is well and truly put together before going on with the next piece.

Complete Designs

The construction of each design is provided for in "Hobbies," and copies of this can be obtained, price .10. They should, indeed, be at hand and read through carefully before attempting to put the instrument together. This will give a good idea of how the actual construction is to be undertaken, and so ensures that the parts go together in their proper sequence. Unless these instructions are read carefully, one is apt to find that, having completed the body and neck, it is impossible to join the two parts satisfactorily together.

A Variety of Instruments

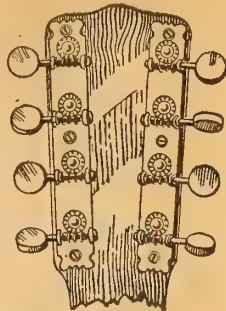
The instruments themselves are illustrated herewith, and will undoubtedly appeal to a very large number of workers. The ukuleles are provided in two shapes, and not only is it possible to buy the wood and pattern for these instruments, but the actual neck itself is supplied already shaped to fit on, after a light rubbing down with sandpaper. The instruments shown here are all more or less of the same class, although of different size.

The ukulele is a popular type of violin, about 18 ins. long, whilst the guitar (which makes the wailing sound so popular on the radio), is a larger instrument with a bigger body and usually measures about 3 ft. long. Then you have the one-stringed fiddle, either with or without horn. They are usually about 2 ft. 6 ins. long, with a single string stretched over the neck from one end to the foot over the body. In the case of those fitted with a horn, there is a small instrument called a resonator over which the string passes. The horn itself merely amplifies the note and makes it fuller than could be the case with an ordinary plain box and neck type.

The mandolin is again a more complicated piece of work, and as shown in the illustration, has eight strings which must be fitted carefully to a special key-rack fitted on the flat neck. These are carried over the body with a very wide bridge and are finally fitted again with a metal fitting to the other end of the instrument.

In all cases, the

body of these instruments is merely a shaped box, but the quality of the wood used, and the construction of it particularly, make the tone and volume when the strings are played over the hole in the top. Most of the work involved is in the construction of these shaped bodies, but they are really straightforward if care and attention is paid to the actual instructions provided.



The top and bottom of the body are solid pieces of wood, and between them there are a number of ribbed pieces—short strips of fairly thick material—glued or jointed into the flat portions. These uprights are covered in turn, by strips of plywood, and this is supplied so thin that it can be easily bent

round to the shape of the body sides themselves. Greater ease in bending can be obtained by steaming the plywood and shaping it round whilst the wood is still damp.

It is important in all the work, to cut out the parts exactly as shown, and to test each in its proper place before actually gluing in position. Read the whole of the construction article first, and get a good idea of the building before cutting out the various parts and putting them into position.

Where the necks are not supplied ready shaped, they are usually made up in two or three pieces, or can be cut from one solid block. In both instances there is a good deal of shaping to be undertaken, and a rasp and wood file are thus necessary. The rasp being much the rougher, will take off chunks of wood and get the shape down coarsely to the line of the design.

Finishing Off

The file (an 8 in. medium flat), is used to smooth down the coarse cuts of the rasp. Two or three files of different grades are helpful, but the final working down is done with glass-paper. See that nice curves and shapely sections are obtained, and finish off finally with a very fine grade of paper so that a perfectly smooth and semi-glossy surface is obtained. The whole instrument, indeed, should be rubbed up carefully with sandpaper, until a flat, smooth, and clean surface is obtained.

The Tube-o-Phone

The instruments themselves can well be left with the wood in its natural state, but a good many workers prefer to give a coat of polish and then stain. The color of the instrument should be the same throughout, and as it will be handled a good deal, the polish should be worked well into the wood so it does not fade out in use.

Quite another type of musical instrument is the Tube-o-phone, which is also illustrated. As can be seen, it follows out the principle of the ordinary xylophone, but has brass tubes instead of the ordinary wooden keys. These brass tubes are hung in a framework, and are hit lightly with two little beaters. The different length of the tubes makes a different note for each, and by careful arrangement in their different



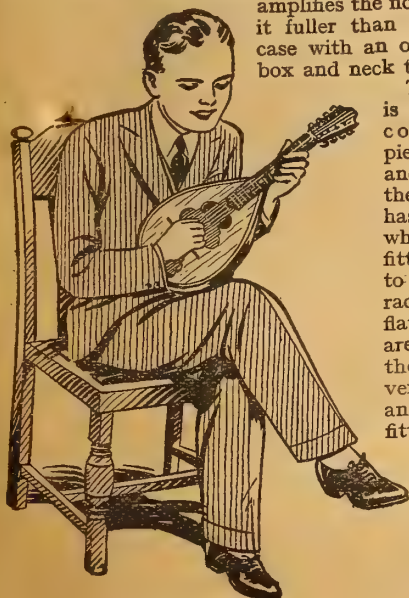
Handbooks
which teach you
how to play.

The Guitar, .65

The Ukulele, .35

Add .05 for postage when you order.

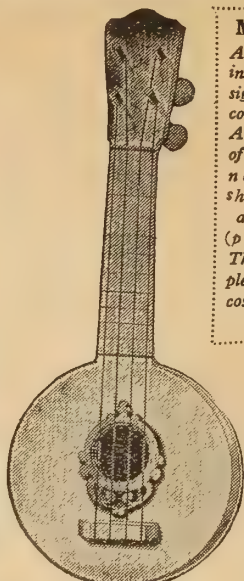
The Fiddle, .65





UKULELE

Made from Design No. 156 Special, price .25 A complete parcel of wood is .75, and the set of strings and pegs, .65; Postage is .20 on complete parcel; .05 on the strings if sent separately.



UKULELE

From Design No. 1825, price .15 The whole of the wood for all parts costs only \$1.15, with a set of strings and pegs for .65 Postage on wood is .20, on strings .05

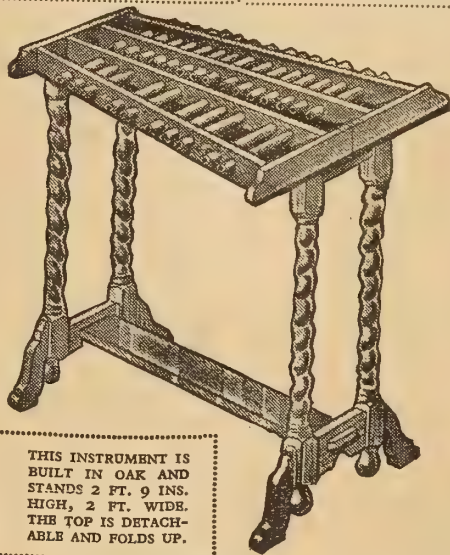
MANDOLIN

A real playing instrument. Design No. 1883 costs .15 only, A special parcel of wood, with neck ready shaped, for all arts, i. \$1.60 (postage .25) The strings, keys plectrum, etc., cost \$1.40, postage .10



JAPANESE FIDDLE

A popular design —No. 768, price .15 Wood for all parts is .90; Postage .25; a string and peg .25, and a bow \$1.45 Postage .10



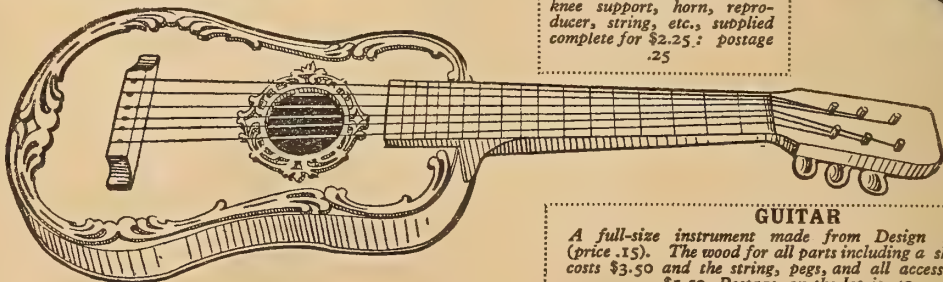
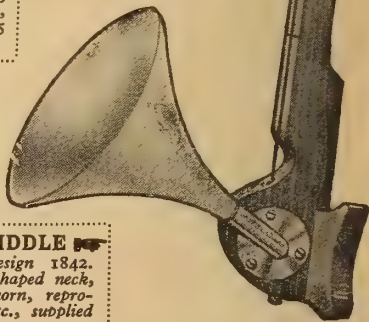
TUBE-O-PHONE

A novel and interesting instrument, easy to construct and play. Design, wood, metal tubes, and beaters are all supplied. The design is 183 Special, price .25 (postage .02) Selected oak for all parts, including the legs ready turned, \$4.50 (post .50) The specially turned tubes, with note transfers to mark their positions, a pair of playing beaters, and two hinges cost, \$5.75 (postage .25)

THIS INSTRUMENT IS BUILT IN OAK AND STANDS 2 FT. 9 INS. HIGH, 2 FT. WIDE. THE TOP IS DETACHABLE AND FOLDS UP.

PHONO FIDDLE

Made from Design 1842, price .15. The shaped neck, knee support, horn, reproducer, string, etc., supplied complete for \$2.25; postage .25



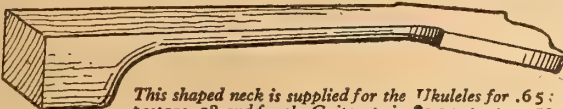
GUITAR

A full-size instrument made from Design No. 2009 (price .15). The wood for all parts including a shaped neck costs \$3.50 and the string, pegs, and all accessories, cost \$1.50. Postage on the lot is .40

lengths, a complete chromatic scale can be obtained. From this almost any tune can be played.

A Compact Instrument

The framework of the tubes is raised to a suitable height for playing on a stand formed of four turned Jacobean legs and suitable framework. As the worker, however, may not always want to have the actual Tube-o-phone standing about, the instrument rack is hinged so that it can be folded and is only rested on the framework of the legs by little projecting pins. It can, therefore, be taken off when not in use, and its place taken by a shaped rectangle of wood which turns the whole thing into a suitable hall or occasional table. Thus the design can be made to serve two purposes, and the cost of it is given opposite.



This shaped neck is supplied for the Ukuleles for .65; postage .08 and for the Guitar, price \$1.25; postage .10

The keyboard tapers and is hinged across the middle in order that the two portions may close into quite a compact and safe space. This portion holding the tubes, is fitted on the framework by small projecting studs fitted into the leg portion.

The Note Tubes

The parcel of wood is supplied complete, and the accessories comprise the tubes, which are specially turned, beaten, and cut for the purpose, with the lengths of string for hanging them in position, a pair of beaters, and the hinges for fitting. In addition, transfers are supplied giving the actual note whether natural or sharp. These transfers are put on the wood after the instrument has been completed, and thus show the actual position of the notes.

All the Parts Needed

A very large number of these Tube-o-phones have been made, and in every instance success has been obtained by the ease of their construction, and the simplicity with which they can be completed. The stand, of course, is an independent part, so the instrument can be taken away and replaced with the table top. One can purchase the complete set of wood for the Tube-o-phone or as a table, or again, obtain the table top itself to convert it from one to the other.

The whole thing is built in oak, with Jacobean legs supplied turned already. The completed instrument is just 3 ft. high, whilst the length of the playing board is 1 ft. 11 ins. and 1 ft. 9 ins. from back to front.

A Polished Finish

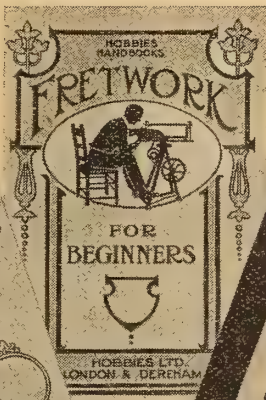
In this instance, as the whole of the work is in oak, it can well be stained down so all the parts are the same shade, and then the whole given a coat of Lightning Polish to bring it up to a bright glossy finish. This should be done before the actual tubes are put in, and the worker will be wise if he gives the whole thing a coat of polish, and then let it stand for a little time before applying the second one. It will be found that the first coat sinks into the wood and the second will be necessary after an interval of a few days.

HOBBIES

HANDBOOKS



Wood Carving for Amateurs, 84 pages, illustrated. Price .50; postage .03



Picture Frame Making, 92 pages, illustrated. Price .50; postage .03



Polishes and Stains for Wood, 72 pages, illustrated. Price .50; postage .03

FRETWORKING IN WOOD AND METAL

100 pages, profusely illustrated. Clear and concise details are given of all the stages and processes of Fretwork. It also deals with Polishing, Staining, Varnishing, etc.

Price .35

Postage .03

FRETWORK FOR BEGINNERS

48 pages and a large number of illustrations and detail drawings. It gives details of all the necessary tools, as well as how to use them.

Price .15

Postage .02

THE HANDBOOK OF CARPENTRY

How to do and how to make articles written specially for the amateur, with hundreds of illustrations. This book should be in every tool kit. 64 pages.

Price .25

Postage .03



Making a GRANDMOTHER CLOCK in oak

The design is No. 1945, price .15 Spanish chestnut, all mouldings, turnings, ornaments, etc., cost only \$6.50, and an 8-day clock movement, with strike and all fittings complete for \$7.50 Express Collect.

Design, wood ornaments, clock movement, and small fittings are all supplied in order to make the construction simple for the amateur.

BY using Design Chart No. 1945 and the parcel of wood supplied, any amateur woodworker can complete the handsome and practical Grandmother Clock here illustrated. It is built in Spanish chestnut, a light, open-grained wood easily worked, which has the additional advantage that when stained down the average person would not know it from oak. Most of the boards used are only $\frac{1}{2}$ in. thick so a fretsaw can be used almost throughout to do the cutting.

A suitable and reliable clock movement is also obtainable for \$7.50, whilst the complete parcel of wood costs only \$6.50, with another .15 for the design chart itself (No. 1945). With all the patterns and materials at hand the work is straightforward and can be undertaken by anyone with a little knowledge and experience of carpentry.

General Construction

In general construction the clock is made up of three portions, each a hollow box. The centre-piece is long and narrow, and the top and bottom are short and a little larger. Each can be made up separately and joined, as will be explained. The moulding used at the front corners and sides are merely slipped into place and glued there.

Between the three box portions there is a flat platform which forms the base and top to the various parts. This part, shown (M) on the sheet, must be fixed to the centre portion, in order to allow the clock compartment and the base to be screwed on afterwards.

In Three Portions

The detail at Fig. 1 shows quite clearly the general construction of the clock, and should be studied before the work of putting together is undertaken. All parts must be cut, cleaned, and temporarily fitted to ensure accuracy before they are finally glued in place.

The lowest portion of the case is made first. The two sides and front fit into the grooved moulding, and the back comes between the two sides. The moulding, by the way, for these parts is $11\frac{1}{2}$ ins. long, and is fitted flush with top edge of the front and sides. This will leave a gap at the lower end to be filled later by base moulding and an imitation floor.

The base itself is a framework of $\frac{3}{4}$ in. wood cut in four parts. Three of them are mitred at the ends, and the fourth butts between the sides.

The front and the two side edges are rounded, and all four are glued together flat and without twist. Stand the box portion centrally on this base framework and then slide it back until it is only $\frac{1}{2}$ in. from the back edge.

The Bottom Framework

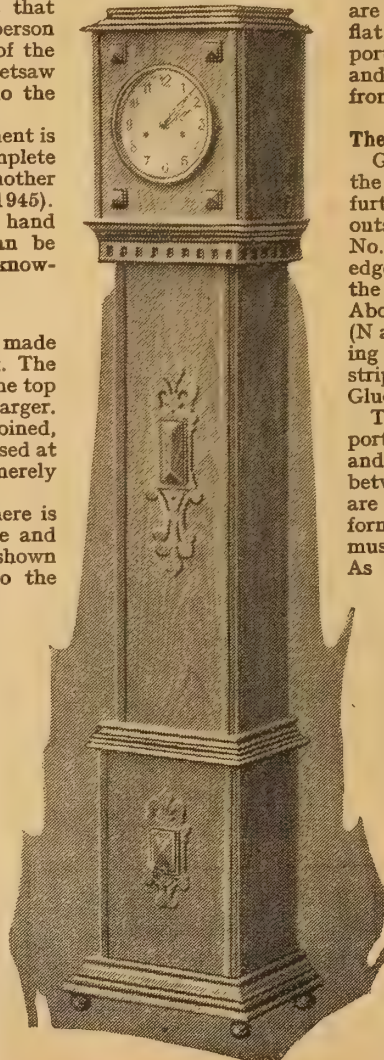
Glue and screw the box form down to the base, and add blocking pieces inside further to strengthen it. Round the outside three pieces of the base moulding No. 43 are fixed. It fits flush with the back edge, but is mitred at the front as shown in the detail of the base on the design sheet. Above this moulding comes the strips (N and O), and if the corner grooved moulding has been cut the right length these strips will just fill the space beneath it. Glue all these carefully in position.

Two sides and a front of the centre portion are fitted into the grooved moulding, and a long, plain piece of wood fitted between at the back. All these portions are 26 ins. long, but from the piece which forms the back, a hole 4 ins. by $2\frac{1}{2}$ ins. must be cut $\frac{1}{2}$ in. from the top edge. As before, the sides and front are glued into the moulding flush round the top again, leaving a gap at the bottom.

Strengthening Blocks

Strengthen the inside of the compartment with blocking pieces, and the glue, and screw on the parts (M)—each $9\frac{1}{2}$ ins. by $7\frac{3}{4}$ ins. These will overlap equally on front and sides, but only $\frac{1}{2}$ in. at the back, and should be screwed down into the blocking pieces strengthening the inside.

Now place the whole of this compartment in its proper position over the base-box portion, screwing it down as firmly as possible on blocks which have been previously glued around the top of the former piece. The screws are covered by the moulding and backing pieces, which decorate this portion. They are shown in Fig. 2.



Design No. 1945

At the bottom, filling pieces (R and S), are put behind the No. 17 moulding, with the strips (P and Q) above. The front piece projects over the sides so that the shorter strips (S) butt up behind it. The strips (P and Q), of course, are rounded on their outer edge, as shown in the diagram.

Fixing the Framework

The clock case itself (the top portion), is made up as with the back between the two sides, and the front and sides glued in the grooved moulding. In this instance the moulding measures the same length as the sides—9½ ins. From the back a piece is cut out to provide the door, and this can be immediately hinged on again and fitted with a catch (No. 5483), as supplied in the parcel.

In the front, before it is fitted, of course, the central hole, 5½ ins. in diameter, is cut to take the clock face fitting. The fancy work on the top of the clock (as shown on the design sheet), is made up of a hollow frame of No. 17 moulding, and a smaller top (L), with rounded edges. Each length of moulding is mitred

to form a perfect rectangle, is set centrally on top of the clock case and is capped by the piece (L), which overlaps equally all round.

This completed compartment is now fitted on to the centre portion strengthened with blocks inside, and screwed upwards from beneath. As at the bottom of the centre portion, the top is ornamented with moulding, backing, etc. At the top of the box, backing pieces (T and U), are used, and here, as at the bottom, the front projects over the sides with the shorter strips butted up behind. On the top of this backing a dentil course is fitted (V), and over this, in turn, is the No. 17 moulding. Below the dentil comes a flat strip with shaped front.

Put in the clock face first, and fasten it with little fretnails from the back. If the nails will not hold in the front of the case, blocking pieces must be put in to provide the substance.

The "Works"

The movement itself is an independent part put in from the back with the centre spindle passing through the centre hole of the face. It is held by four metal lugs, and screws are driven through these

to fix it. It will probably be necessary again to put pieces of waste wood under these lugs to provide the necessary thickness, so the spindle passes through the clock face about ¼ in.

The two winding spindles should come behind the two holes in the face. Screw the movement in place, taking care that the centre drop-piece, which holds the pendulum, hangs vertically and swings free (see Fig. 3).

The gong movement is the black patch with the spring-like piece attached, supported on a rod which fixes into the floor. Place the gong so that it comes immediately beneath the little hammer with the black weight on the left.

This brass pillar (see Fig. 3), passes through the floor and is fixed with a nut and washer above and beneath. By turning the nuts, the gong is raised and lowered to its right position below the hammer.

Add four circular feet at the bottom, and the two fretted pieces of ½ in. wood on the front with oak lozenges, whilst to the clock face itself four similar ornaments are added.

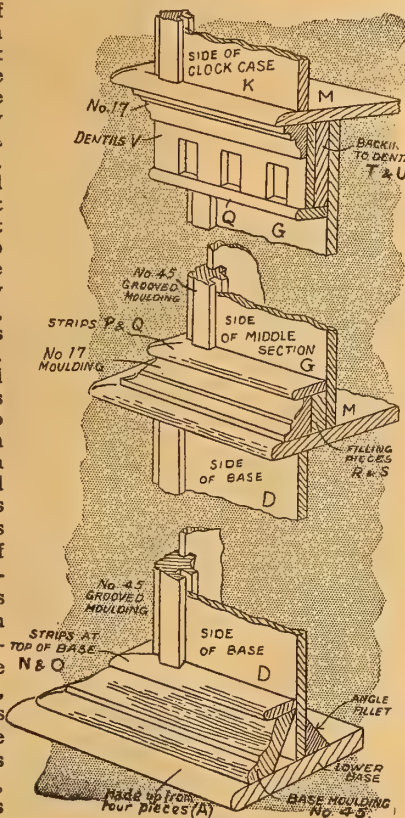


Fig. 2—Details of the different parts with moulding, base, overlays, etc.

The clock should, of course, be finished off by staining down to a suitable oak shade, and afterwards left with a semi-gloss or brought up to a french polish surface. Give the whole thing a rubbing down with fine sandpaper and see that no hard glue is projecting beyond the joints. A single coat of stain will bring the wood down to a nice color, but a second or third coat can be brushed on if it is wanted very dark.



A back view of the completed clock.

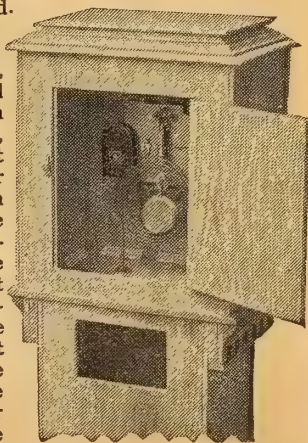


Fig. 3—How the movement is fitted in at the back.



Fig. 1—A cut-away picture showing the various parts in construction.



POPULAR FRETWOODS

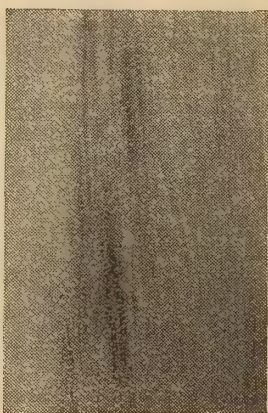
and how to recognize them



IT is really essential for every reader of this Catalogue who is a woodworker to know on sight the various kinds of popular fancy wood he is likely to be using. Although the term fretwood suggests boards used for fretwork, the term covers a much wider field, because such timber is used in all kinds of woodwork jobs undertaken by the amateur.



MAHOGANY



SATIN WALNUT

It is used, for instance, in all kinds of light carpentry, in carving, in veneering, and so on, and is only called fretwood to distinguish it from the heavier and larger boards used in ordinary cabinet making and furniture work. There are about half-a-dozen kinds which are in daily use by the amateur, whether he is a carpenter or a fretworker. These kinds are worth knowing on sight, because then one can visualize how an article would look if cut in a certain kind of wood, even before it is made.

300 Varieties of Oak

The wood most popularly used is oak, mahogany, satin walnut, sycamore, Spanish chestnut, and padouk. Each of these of course, is different in texture, color, and grain from the other, but is popular for fretwork. These kinds are illustrated herewith, although it is impossible to show the coloring or to give an adequate representation of the grain. A keen worker will keep a specimen of each kind over his bench until he is familiar with the material. A special offer is made in this respect at the end of this article.

Even in one particular family of wood there is naturally a very large variety of members. There are, for instance, over three hundred kinds of oak and mahogany is grown in countries so far apart as Cuba and the Gold Coast.

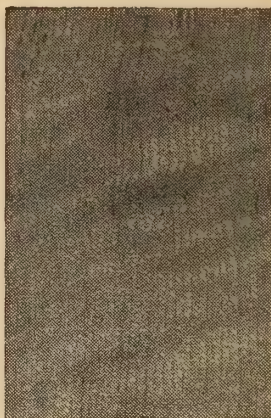
Thus, every tree does not produce the same kind of board, and a great deal of experience is often necessary to distinguish and recognize some kinds of wood when wood is polished and finished off. But with a little knowledge the worker should be able to pick out his own particular board of any of the woods mentioned without any trouble.

Hardwood and Softwood

Most wood is divided roughly into two classes—hardwood and softwood. This does not relate to the actual texture, however, but merely whether it belongs to a cone-bearing tree (softwood), or a deciduous, broad-leaved tree, which produces hardwood. Of the constructive and decorative hardwoods, oak, walnut, and mahogany take the lead, whilst padouk, beech, etc., are also of the same class. Of the softwood, which is easier to work and reasonable in cost, pine and spruce are the most common kinds.

Wood that is Steamed

This division, however, mainly relates to timber in carpentry, because that used for fretwork is specially selected and prepared so the fine fretsaw blade may cut through it without hard work. In the ordinary way, for instance, beech is very close grained, but by a



FIGURED OAK



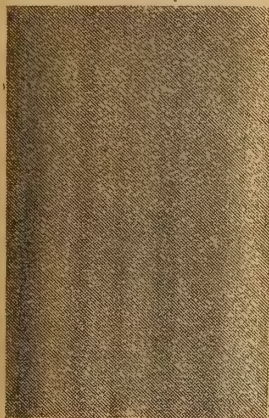
SPANISH CHESTNUT

system of steaming and drying, the boards supplied by Hobbies are easily workable with the fretsaw.

For fretwork and light carpentry, the two popular

Popular Kinds of Fretwood—

kinds of oak are light oak and figured oak. The former has a plain grain running along the board, but in figured oak this grain is splashed across with attractive patches of figurework. This figuring is really the result of a tree being sawn in a particular way to get the face of the planks on or parallel with the medullary



BEECH



PADOUK

rays. The medullary rays, by the way, are merely the botanist's name for the fine lines which commence in the centre of a tree and radiate outwards to the edges.

Mahogany, like oak, has a great variety of figuring, some of the most popular being called "roe," "fiddle mottle," "curl," and so on. It is important, therefore, in undertaking work to have all the wood of the same class, and ready for commencing. If one buys the wood as it is wanted for the parts, it may be difficult to get a piece with the same matching, and the whole job is spoiled.

Coloring with Stain

It is rich red in color, with a straight, even grain, which stands up well when stained. Providing boards are all alike in a piece of work, the polishing can be done on the natural wood, but most work should receive at least one coat of stain to get a deeper and more effective color.

Satin walnut has probably always been the most popular of fretwork woods, possibly because it has been so cheap and easily cut. It is light brown in color, with a flat, characterless surface, and occasional strip graining.

A piece of sycamore is shown here, and this is another popular fretwood easily cut and worked. It is an English-grown wood, which has almost a milk white surface and a close, even grain of silky appearance.

A Clean White Wood

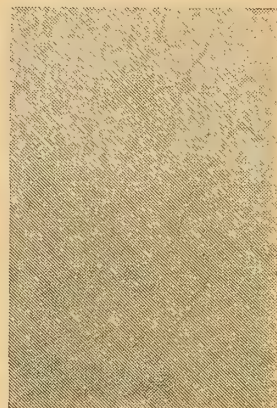
It is used largely for overlays, for its grain is not greatly conspicuous and will not, therefore, look unsightly on a background of another wood. With such a board there is no need to stain the work or the beauty of it will be lost. Nor should it be polished to become dark. If it cannot be left in its natural state, a coat of clear varnish should be applied.

Where Padouk Comes From

Among the timber shown here we have padouk. This is an exceptionally brilliant red, streaked with a darker shade, and it is grown in the Andamans. Many workers like it for overlay work, but it is most popular in inlay panels, where its striking color makes up a



LIGHT OAK



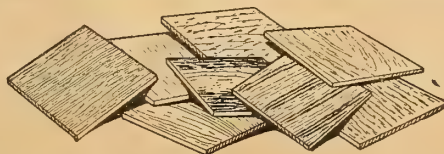
SYCAMORE

strong effect. The grain is very open, and, consequently, wood can be easily cut with a fretsaw.

There are, of course, a number of other classes of timber in general use by the amateur, and a range of them, with prices, is given in the following pages. Those mentioned here, however, are the most popular, and the worker will do well to familiarize himself with these before passing on to the other and less-known kinds.

A Special Offer of Eight Specimen Pieces

In order that readers may be familiar with these different kinds of wood, we are making a special Specimen Set. They are pieces of the eight most popular kinds, showing color and grain quite plainly, which should be glued to a card or board and hung over the bench or in the workshop for



reference. The specimen pieces are mahogany, light oak, sycamore, satin walnut, figured oak, Spanish chestnut, padouk, and beech. They are supplied, post paid, for .25, and are only obtainable from 54 Wellington Street West, Toronto.



MAHOGANY—

A wood of rich red coloring. It is easy to saw and takes a splendid polish.

			$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$ in.	thick.
6 to 8 ins. wide	..	..	.22	.25	.27	.33	.37	.47	Per
9 to 11 ins. wide	..	..	.25	.27	.30	.35	.40	.50	Sq.
12 to 14 ins. wide	..	..	.27	.30	.33	.37	.43	.50	Foot.

SYCAMORE—

A white wood of close texture and even grain. Contrasts well with darker woods.

				$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$ in.	thick.
4 to 6 ins. wide	..	..	..	—	.20	.22	.25	Per
7 to 9 ins. wide	..	..	..	.22	.25	.27	.33	Sq.
10 to 12 ins. wide	..	..	..	.25	.27	.30	.35	Foot.
13 ins. and over..	..	..	..	.27	.30	.35	.37	

WHITE CHESTNUT—

This wood is soft but closely grained. White in color, it has a beautiful surface and is easy to saw.

				$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$ in.	thick.
7 to 9 ins. wide	..	..	..	.25	.27	.33	Per Sq.
10 to 12 ins. wide	..	..	..	.27	.30	.35	Foot.

SATIN WALNUT—

Soft brown in color, richly and evenly grained, this wood is deservedly popular.

				$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{3}{8}$ in.	thick.
7 to 9 ins. wide	..	..	..	.18	.18	.22	.27	.30	Per
10 to 11 ins. wide	..	..	..	.21	.21	.25	.30	.33	Sq.
12 to 14 ins. wide	..	..	..	.23	.23	.27	.33	.35	Foot.

PADOUK—

Probably the most beautiful colored wood obtainable. It has a rich red color and striking grain.

				$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$ in.	thick.
7 to 9 ins. wide	..	..	..	.33	.35	.40	.47	Per Sq.
10 to 12 ins. wide	..	..	..	.35	.37	.43	.50	Foot.

Read This Before Ordering. These prices apply only to wood bought on the "square-foot" basis—widths in all cases being approximate to those stated. Where wood is ordered to a specified length and width 25 per cent (one-quarter), extra is charged to cover waste and cutting to size. A handy square-foot chart is shown on the following page. **NOT LESS THAN A SQUARE-FOOT OF ANY WOOD SOLD.**

Postage is extra to all prices.



LIGHT OAK—

A most useful wood, not too difficult to cut, and takes stain and polish remarkably well.

			$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{3}{8}$ in. thick.	
7 to 9 ins. wide	..	..	.22	.27	.30	.33	.37	} Per Sq. Foot.
10 to 12 ins. wide	..	..	.25	.30	.33	.35	.40	

SPANISH CHESTNUT—

Has the color and grain of oak, but it is of a "softer" texture. A widely used wood.

			$\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$ in. thick.	
7 to 9 ins. wide	..	..	.19	.22	.27	.30	.35	.40	} Per Sq. Foot.
10 to 12 ins. wide	..	..	.22	.25	.30	.33	.37	.43	
13 to 14 ins. wide	..	..	.25	.27	.33	.35	.40	.45	

What is a Square-foot?

A square-foot of wood is not necessarily a board measuring 12 ins. by 12 ins. It may be a piece 18 ins. by 8 ins. or 24 ins. by 6 ins., or any length or width provided the total area (the length multiplied by the width) equals 144 square inches.

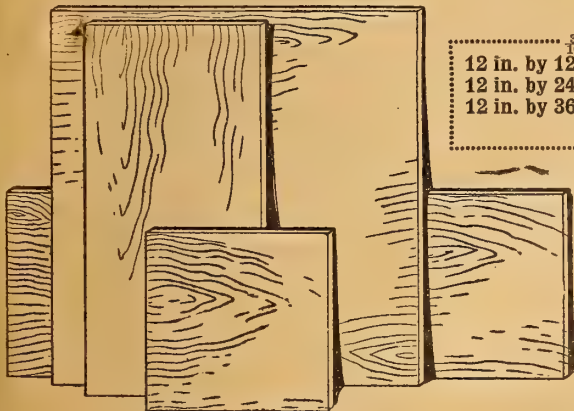
HANDY SQUARE-FOOT CHART

All these boards equal a square foot.

12 in. by 12 in.	16 in. by 9 in.	22 in. by $6\frac{1}{2}$ in.
13 in. by 11 in.	18 in. by 8 in.	24 in. by 6 in.
14 in. by $10\frac{1}{2}$ in.	20 in. by $7\frac{1}{2}$ in.	26 in. by $5\frac{1}{2}$ in.

Plywood is useful for cutting jig-saw puzzles, cut-out calendars, etc., and where larger panels are required than can be obtained in ordinary wood.

PLYWOOD



$\frac{3}{16}$ in. BIRCH	$\frac{3}{16}$ in. OAK FACED
12 in. by 12 in. .17 Postage .10	12 in. by 12 in. .25 Postage .10
12 in. by 24 in. .30 Postage .20	12 in. by 24 in. .45 Postage .20
12 in. by 36 in. .45 Postage .20	12 in. by 30 in. .55 Postage .20

Prices of larger panels on application.

$\frac{3}{16}$ in. GABOON MAHOGANY
12 in. by 12 in. .20 Postage .10
12 in. by 24 in. .35 Postage .20
12 in. by 36 in. .50 Postage .20

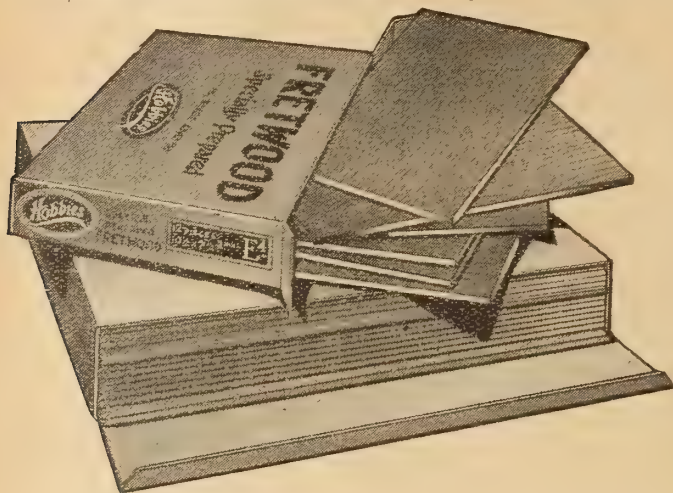
Prices of larger panels on application

$\frac{1}{16}$ in. BIRCH PLYWOOD, .20 per Square Foot.



PANELS OF MAHOGANY

Here is the most convenient way of buying mahogany. The panels are cut square to the sizes mentioned from sound quality timber, planed both sides to satin smoothness. If you use mahogany at all this is the way to buy it. You will appreciate the many advantages which this method of packing affords. The wood is kept flat and away from dust in the strong cartons, yet is instantly ready to use. The Panels are obtainable singly, but where possible we suggest you buy by the carton for economy and convenience.

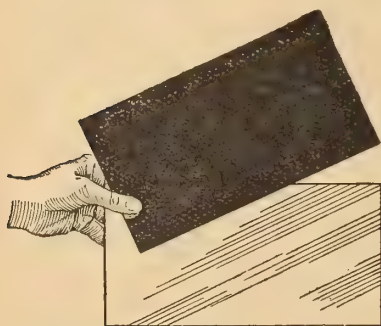


SIZES AND PRICES

It will be noticed that Panels are supplied in sizes and thicknesses most likely to be required by the craftsman. For convenience and economy buy your Panels by the carton.

	EACH	IN CARTONS
A 15 in. x 10½ in. ¼ in.	.40	9 for \$3.50
B 15 in. x 10½ in. ⅜ in.	.35	12 for 3.75
C 10½ in. x 7½ in. ¼ in.	.20	6 for 1.15
D 10½ in. x 7½ in. ⅜ in.	.20	8 for 1.20
E 10½ in. x 7½ in. ½ in.	.15	12 for 1.50
F 10½ in. x 7½ in. ⅝ in.	.10	24 for 2.25

Postage is extra to all prices.



IVORINE & XYLONITE

(WHITE)

(BLACK)

This material is particularly suitable for fine work in miniature, for overlays, monograms, etc. It is a composition with a beautiful flat glossy surface, easily cut with the fretsaw, being only about ¼ in. thick. The Ivorine is a silky white; the Xylonite a jet black.

In Sheets 16 ins. by 10 ins.

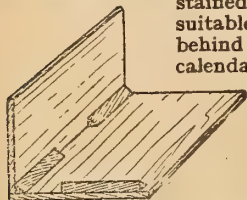
IVORINE - .75 per Sheet

XYLONITE - .65 " "

Postage .06 extra.

TRIANGULAR BLOCKING FILLETS

These strips are supplied in two-foot lengths, and are suitable for blocking pieces in corners of cabinet and carpentry work. These are planed on all sides and in good quality wood, which can be stained to match any work. Also suitable for forming base strips behind cut-out pictures and calendars.



In 2 ft. Strips ready for use. Oak and Mahogany.

¼-in. Strip	..	Price .05	per Length	¼-in. Strip	..	Price .07	per Length
⅜-in. "	..	Price .05	" "	½-in. "	..	Price .10	" "

Postage extra to above prices

Hobbies Limited, 54 Wellington Street West, Toronto

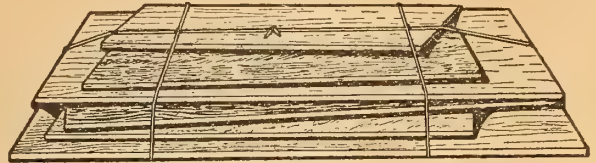


FRETWOOD AT BARGAIN PRICES

Sound quality wood planed both sides to satin smoothness.

A 9 FT. PARCEL of Assorted Boards

From 5 ins. to 12 ins. wide and cut in
varying thicknesses of $\frac{1}{8}$ in., $\frac{1}{4}$ in.,
and $\frac{1}{2}$ in. **1.50** Post .50



This is a typical 6 ft. parcel. All wood planed both sides to a definite thickness. Buy YOUR wood this economical way

THE "HANDY" PARCEL

This parcel contains about 4 ft. of assorted fretwood in smaller pieces than those found in our ordinary parcels. No piece, however, is too small to be of service and all wood is
1.50 Postage .25

6 Feet PARCELS

SPANISH CHESTNUT	\$1.15
$\frac{1}{8}$ in. THICK, 9-11 ins. WIDE	Post .35
ASSORTED	1.00
$\frac{1}{8}$ in. THICK, 6-9 ins. WIDE	Post .35
INLAY WOOD	1.00
$\frac{1}{4}$ in. ASSD. 4-10 ins. WIDE	Post .20
SYCAMORE	1.40
$\frac{1}{8}$ in. THICK, 7-9 ins. WIDE	Post .35
MAHOGANY	1.40
$\frac{1}{8}$ in. THICK, 9-12 ins. WIDE	Post .35

6 ft. of NARROW BOARDS

SATIN WALNUT	$\frac{1}{8}$ in. thick	1.00	Post .35
MAHOGANY	$\frac{1}{8}$ in.	1.00	.35

STRIPWOOD 2 FT. LENGTHS

Cut and planed from sound quality Satin Walnut.

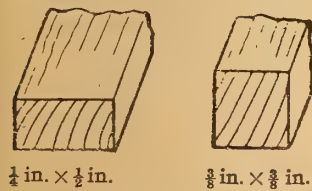
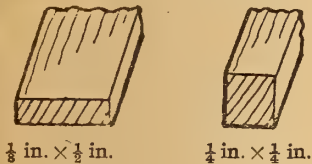
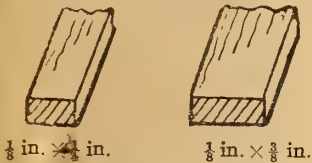
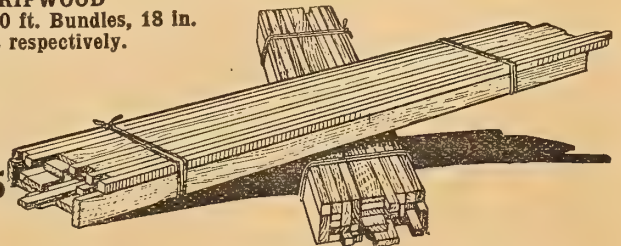
$\frac{1}{8} \times \frac{1}{4}$	per 2 ft. length,	.03 ;	100 ft. bundle,	1.00	Postage	.10
$\frac{1}{8} \times \frac{1}{2}$	" 2 ft. "	.03 ;	100 ft. "	1.00	"	.10
$\frac{1}{8} \times \frac{3}{4}$	" 2 ft. "	.05 ;	100 ft. "	1.45	"	.20
$\frac{1}{4} \times \frac{1}{4}$	" 2 ft. "	.05 ;	100 ft. "	1.45	"	.20
$\frac{1}{4} \times \frac{1}{2}$	" 2 ft. "	.06 ;	100 ft. "	2.15	"	.30
$\frac{1}{4} \times \frac{3}{4}$	" 2 ft. "	.07 ;	100 ft. "	2.75	"	.65
$\frac{3}{8} \times \frac{1}{4}$	" 2 ft. "	.06 ;	100 ft. "	2.15	"	.30
$\frac{3}{8} \times \frac{1}{2}$	" 2 ft. "	.07 ;	100 ft. "	2.75	"	.65
$\frac{1}{2} \times \frac{1}{4}$	" 2 ft. "	.10 ;	100 ft. "	4.15	"	1.15

ASSORTED STRIPWOOD

In 50 ft. and 100 ft. Bundles, 18 in. and 2 ft. lengths respectively.

50 Ft. BUNDLE .90
Postage .10

100 Ft. BUNDLE 1.65
Postage .20





Look !

The best value anywhere. A sound piece of work fit for any amateur woodworker. A well shaped and finished leg 30 ins. long, 1 3/8 ins. square, cut in good quality beech suitable for staining. Straight and true, with 5 in. shaped portion for foot. Ask for No. 533.

.25 EAC

.85 Set of 4

**All LEGS are
Shipped Express
Collect.**



STUMP FEET

In HARDWOOD

**No. 529. 4 ins.
.85 for 4.**

GROOVED LEGS FOR TABLES

These legs are specially prepared for the amateur, and do away with the cutting of mortise and tenon joints. The groove is cut down two sides, as can be seen, and takes boards 3/8 in. thick.

No. 39

28 1/2 ins. long. With 3/8 in. Groove.

**Mahogany Legs. Oak Legs.
\$1.40 per set. \$1.40 per set.**

SHORT LEGS

**No. 523
Oak Tapered
Leg.**

**1 1/2 ins. by 12 ins.
long.**

\$1.20 for 4.

**No. 523A.
Oak Tapered
Leg.**

**1 1/2 ins. by 16 ins.
long.**

\$1.40 for 4.



No. 531. No. 520. No. 523 and 523A

No. 520. Grooved Stool or Dwarf Table Legs. Grooved down two sides with a slot to take 3/8 in. board. 15 ins. long, 1 1/2 ins. sq. top. **Oak, \$1.20 for 4.**

No. 531. Grooved Stool Legs. 15 ins. long x 1 3/8 ins. square, in Beech. Grooved as shown on two sides to take 1/2 in. wood. **.85 set of 4.**



**No. 507
Stool Legs
in Oak.
12 ins. by
1 1/2 ins.
\$1.40 for 4.**

**No. 505
Bureau
Legs in Oak.
18 ins. by
2 ins.
\$1.60 for 4.**

**No. 506
Bureau
Legs in Oak.
18 ins. by
1 1/2 ins.
\$1.50 for 4.**

**No. 509
Chair Legs
in Beech.
16 ins. by
2 ins.
\$1.40 for 4.**



TURNED LEGS—at new Low Prices Select the Leg you want from this range

This range of turned and shaped legs covers practically every requirement of the home of craftsman, who undertakes cabinet and furniture making. The legs are cut from selected timber, and are sound value at the prices quoted.

No. 501.	1½ ins. × 36 ins.	Oak Twist Turned	.. \$2.00 for 4.
No. 503.	1½ ins. × 30 ins.	Oak Twist Turned	.. 2.25 for 4.
No. 504.	1½ ins. × 30 ins.	Oak Twist Turned	.. 2.50 for 4.
No. 521A.	1½ ins. × 28 ins.—12 ins. twist.	Oak Twist Turned	.. 1.80 for 4.
No. 521B.	1½ ins. × 28 ins.—8 ins. twist.	Oak Twist Turned	.. 1.70 for 4.
No. 521C.	1½ ins. × 28 ins.—6 ins. twist.	Oak Twist Turned	.. 1.70 for 4.
No. 528.	2 ins. × 32 ins.	Oak Twist Turned	.. 3.60 for 4.
No. 532.	1½ ins. × 36 ins.	Beech Fluted	.. 1.60 for 4.
No. 508.	1½ ins. × 30 ins.	Oak Turned	.. 1.30 for 4.
No. 516A.	1½ ins. × 28 ins.	Oak Twist Turned	.. 1.60 for 4.
No. 516B.	1½ ins. × 28 ins.	Beech Twist Turned	.. 1.30 for 4.
No. 518A.	1½ ins. × 30 ins.	Beech Turned	.. 1.00 for 4.
No. 525.	1½ ins. × 30 ins.	Oak Turned	.. 1.60 for 4.
No. 527.	1½ ins. × 24 ins.	Oak Posts	.. 1.50 for 4.

**All LEGS are shipped
EXPRESS COLLECT**



Hobbies Limited, 54 Wellington Street West, Toronto



ORNAMENTAL FRETS

Those who prefer to decorate their work with a single fretted ornament will find these subjects just the thing. They are not much thicker than thin card but are very strong, and are specially cut in wood suitable for staining.

No. 803 ..	.15
No. 813 ..	.10
No. 819 ..	.15
No. 822 ..	.10
No. 823 ..	.15
No. 824 ..	.15
No. 825 ..	.10
No. 826 ..	.10
No. 827 ..	.15



No. 824.
3 x 3 in.



No. 823.
4 1/4 in. sides



No. 825.
3 in. sides



No. 819.
8 1/2 in. sides



No. 823.
8 1/4 x 1 1/4 in.



No. 827. 4 1/2 in. sq.



No. 803. 5 x 8 1/2 in.



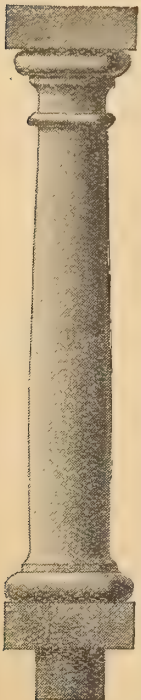
No. 813. 4 in. sq.



No. 826. 3 x 1 1/2 in.

When ordering by post please include .05 extra for packing and postage.

TURNINGS, KNOBS & FEET



No. 23.



Nos. 26
and 49.



No. 29.



No. 12.



No. 14.



No. 16.



No. 19.



No. 20.



No. 28.



No. 30.



No. 31.



No. 33.

- | | | | |
|----------|--|----|------------|
| No. 12. | Spindle, in Walnut, 2 in. long .. | .. | .25 for 12 |
| No. 12a. | Baluster, 1 1/2 in. long .. | .. | .15 for 12 |
| No. 14. | Ball Feet, 1/2 in. diam. .. | .. | .03 each |
| No. 15. | Ball Feet, 3/4 in. diam. .. | .. | .03 each |
| No. 16. | Turned Knob .. | .. | .05 each |
| No. 19. | Small Toe, 1/2 in. across .. | .. | .15 for 12 |
| No. 20. | Large Toe, 3/4 in. across .. | .. | .25 for 12 |
| No. 22. | Ball Feet, 1 1/4 in. diam. .. | .. | .10 each |
| No. 23. | Satin Walnut Column, 3 1/2 in. long .. | .. | .25 pair |
| No. 26. | Erinoid Knob, 1/2 in. long .. | .. | .05 each |
| No. 27. | Mahogany Finial, 2 1/2 in. long .. | .. | .10 each |
| No. 28. | Engine Buffers, in Satin Walnut .. | .. | .20 for 4 |
| No. 29. | Motor Lamp .. | .. | .10 pair |
| No. 30. | Steam Dome, for model engines .. | .. | .10 each |
| No. 31. | Engine Chimney, 1 in. diam. .. | .. | .10 each |
| No. 33. | Column, 5 1/2 in., mahogany .. | .. | .40 pair |
| No. 49. | Turned Wood Knob, 3/8 in. dia. .. | .. | .05 each |

POSTAGE IS .03 EXTRA ON ONE OR A DOZEN OF ANY OF THE ABOVE.



No. 49.

Hobbies Limited, 54 Wellington Street West, Toronto



WOOD

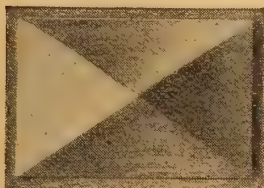
ORNAMENTS

These handsome wooden ornaments are plain but dignified, and if added judiciously to cabinets, furniture, boxes, doors, panels, etc., will add a big touch of distinction. They can be easily put on with a touch of glue.



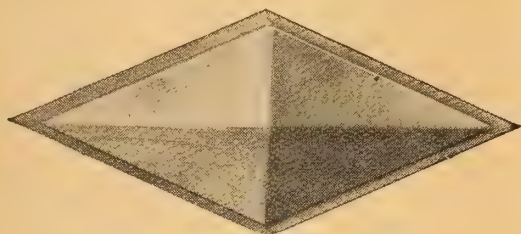
RAISED SQUARE

- No. 210. 2 in. .10 each
No. 211. 1½ in. .08 each.
No. 212. 1 in. .05 each.



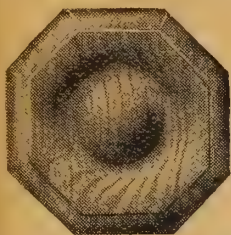
SMALL OBLONG

- No. 214.
2½ in. long. 1½ in. wide.
Price .10 each.



PLAIN RAISED DIAMOND

- No. 206. 5 in. long, 2 in. wide .. .10 each.
No. 207. 4 in. long, 1½ in. wide .. .08 each.
No. 208. 3 in. long, 1½ in. wide .. .07 each.
No. 209. 2 in. long, ¾ in. wide .. .05 each.

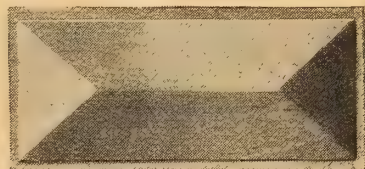


- No. 225. 2¾ in.
Price .15 each.



SQUARE ROSETTE

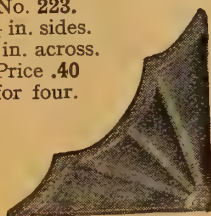
- No. 222. 1½ in.
Price .10 each.



PLAIN OAK OBLONG

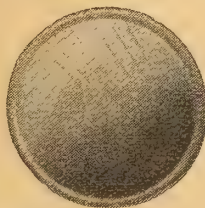
- No. 213. 3½ in. long, 1½ in. wide.
Price .10 each.

- No. 223.
2¾ in. sides.
1¾ in. across.
Price .40
for four.



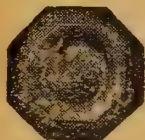
- ROSETTE CIRCLE**
No. 220. 2 in. .15 each.
No. 221. 1½ in. .10 each.

Postage is extra to all prices

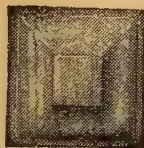


PLAIN OAK. BUTTONS.

- No. 217. 1½ in. No. 235. DIAMOND
.40 per dozen. 2 in. long,
No. 218. 1 in. 2 in. wide.
.25 per dozen. 1 in. wide.
No. 219. ¾ in. In Oak.
.15 per dozen. .05 each.



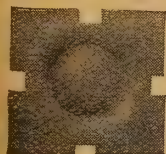
- No. 234.
1½ in. square.
In Oak.
Price .10 each.



- No. 227. 1½ in.
Price .08 each.



- No. 226. 2 in.
Price .13 each.



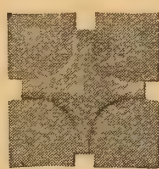
- No. 228. 1½ in.
In Beech only.
Price .08 each.



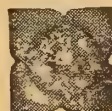
- No. 229. ROSETTE 1½ in. square.
In Beech. Price .10 each.



- No. 230. ROSETTE 1½ in. square.
In Beech. Price .08 each.



- No. 231. ROSETTE 1½ in. square.
In Beech. Price .10 each.



- No. 232. 1½ in. square.
In Beech. Price .08 each.



- No. 233. In Oak.
¾ in. square. .03 each.



ORNAMENTAL BEADING

Here is a wide range of really useful beading with which to decorate cabinets, tables, brackets—in fact, almost any class of woodwork. It is cut in beech and can be stained to match other work. Supplied in 3 ft. lengths, but is sent through the post in 18 in. lengths, unless otherwise ordered. The section at the left hand end illustrates the exact shape of the beading.



FULL-ROUND BALL BEADING	No. 50.	$\frac{1}{8}$ inch.	}15 per 3-ft. length.
	No. 51.	$\frac{1}{4}$ "					



HALF-ROUND BALL BEADING	No. 52.	$\frac{3}{16}$ inch.	}15 per 3-ft. length.
	No. 53.	$\frac{1}{4}$ "					
	No. 54.	$\frac{1}{4}$ "					
	No. 55.	$\frac{1}{4}$ "					
	No. 56.	$\frac{1}{4}$ "					\$1.25 for 10 lengths.



QUARTER-ROUND BALL BEADING	No. 57.	$\frac{1}{16}$ inch.	}15 per 3-ft. length.
	No. 58.	$\frac{1}{8}$ "					
	No. 59.	$\frac{1}{8}$ "					



HALF-ROUND B. & S. BEADING	No. 62.	$\frac{1}{8}$ inch.	}15 per 3-ft. length.
	No. 63.	$\frac{1}{4}$ "					
	No. 64.	$\frac{1}{4}$ "					

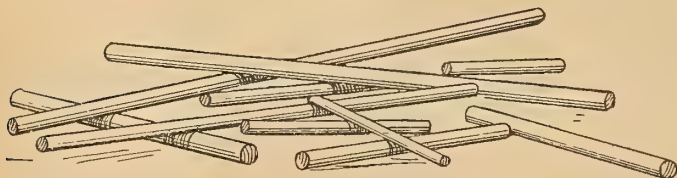


QUARTER-ROUND B. & S. BEADING	No. 65.	$\frac{3}{16}$ inch.	}15 per 3 ft. length.
	No. 66.	$\frac{1}{2}$ "					



HALF-ROUND TWIST BEADING	No. 67.	$\frac{3}{8}$ inch.	}15 per 3-ft. length.
	No. 68.	"					
	No. 69.	"					

DOWELLING IN POPULAR SIZES



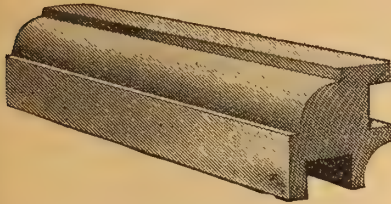
These Dowels are cleanly finished and are useful—indeed, indispensable, on many occasions. Next time you need dowels try HOBBIES.

				Per 2-ft. Length	
$\frac{1}{8}$ -inch03
$\frac{1}{4}$ -inch	"	"	.04
$\frac{3}{8}$ -inch	"	"	.04
$\frac{1}{2}$ -inch	"	"	.05
$\frac{3}{4}$ -inch	"	"	.06

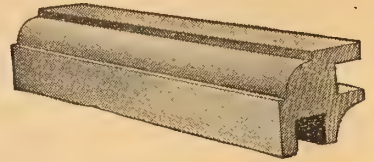
Postage extra.



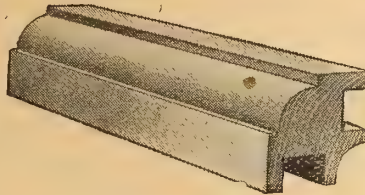
GROOVED CORNER MOULDINGS



No. 46. Moulding,
with $\frac{1}{4}$ in. Groove,
in Oak, .10 per foot.
Hazel Pine, .08

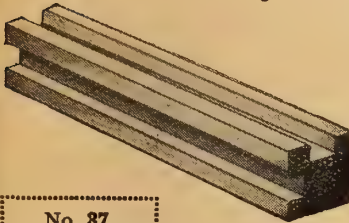


No. 45. Moulding,
with $\frac{3}{16}$ in. Groove,
in Oak, .08 per
foot. Hazel Pine,
.05

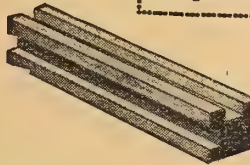


No. 47. Moulding,
with $\frac{3}{8}$ in. Groove,
in Oak, .12 per
foot. Hazel Pine,
.10

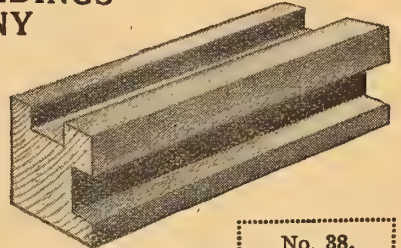
SQUARE BACK CORNER MOULDINGS IN OAK AND MAHOGANY



No. 37.
 $\frac{1}{4}$ in. Groove,
.10 per foot.



No. 36.
 $\frac{3}{8}$ in. Groove,
.08 per foot.



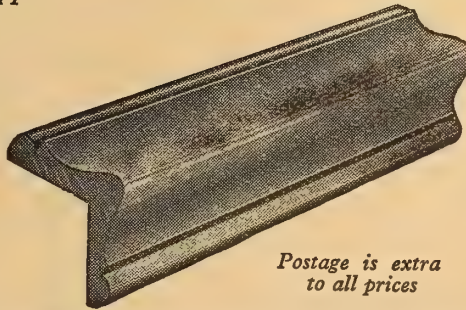
No. 38.
 $\frac{3}{8}$ in. Groove,
.10 per foot.

*This is the moulding that
simplifies box and cabinet
making.*

*Be sure to state whether
OAK or MAHOGANY
is required.*

CORNER MOULDING

Use this Moulding to cover bad
corners and butt joints in box and
cabinet making. It is available in
three useful sizes in light wood,
suitable for staining down.



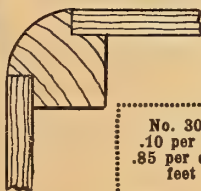
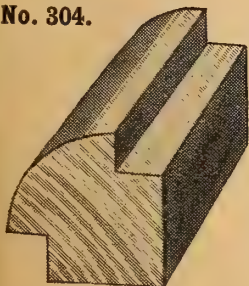
*Postage is extra
to all prices*

No. 300.— $\frac{3}{8}$ in. Sides.
Price .12 per ft.
\$1.00 per doz. feet
No. 301.— $\frac{1}{2}$ in. Sides.
Price .10 per ft.
.85 per doz. feet
No. 302.— $\frac{1}{4}$ in. Sides.
Price .08 per ft.
.75 per doz. feet

No. 304.

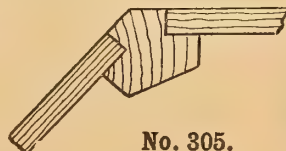
CABINET CORNER MOULDINGS

With these two Mouldings you can make those modern cabinets
and clock cases with rounded or angular corners. Supplied in Hazel
Pine, and suitable for wood $\frac{3}{8}$ in. thick.

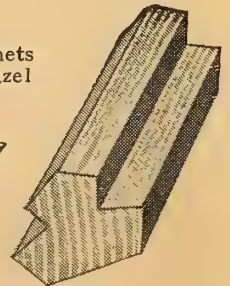


No. 304 .10 per ft.
.85 per doz. feet
No. 305 .10 per ft.
.85 per doz. feet

Postage is extra.



No. 305.





EMBOSSED MOULDINGS

A range of Mouldings sure to be popular. You will be delighted with the pleasing and decorative effect they impart to cabinets and general woodwork. Each moulding is beautifully made and finished, and is a tribute to British ingenuity and production methods. The prices, too, are extremely low. Most of the sections are in Hazel Pine. When ordering by post be sure to state number of moulding and add sufficient cash 'o cover return postage.



No. 133.

$\frac{3}{8}$ in. wide.

.05 per ft. .55 per doz. ft.



No. 131.

$\frac{9}{16}$ in. wide.

.05 per ft. .55 per doz. ft.



No. 129.

A "big value" moulding, $\frac{7}{8}$ in. wide.

.07 per ft. .75 per doz. ft.



No. 134.

Useful on many woodwork jobs.
It is $\frac{7}{8}$ in. wide.

.07 per ft. .75 per doz. ft.



No. 130.

Here's a pretty design. $\frac{7}{8}$ in. wide.

.07 per ft. .75 per doz. ft.



No. 138.

An amazing production at the price.
 $\frac{7}{8}$ in. wide.

.07. per ft. .75 per doz. ft.



No. 132.

$\frac{9}{16}$ in. wide.

.05 per ft. .55 per doz. ft.

Mouldings on this page are shown actual size.

Hobbies Limited, 54 Wellington Street West, Toronto

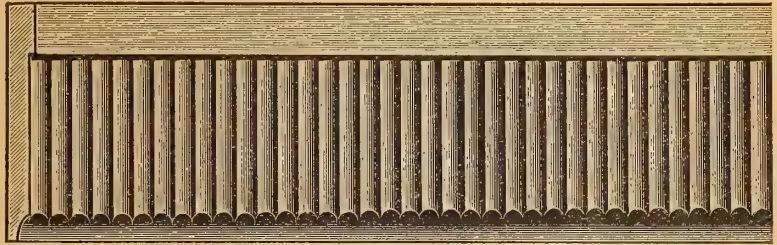


EMBOSSED MOULDINGS

A further range of Mouldings but of larger sections than those on the adjoining page. Here again, the value is remarkable.

No. 139.

*A moulding of conventional but pleasing design. It is $1\frac{1}{2}$ in. wide.
.10 per ft. \$1.00 per doz. ft.*



Postage is extra to all prices

No. 128.

This moulding derives its decorative value from the pretty floral design. It is $1\frac{1}{2}$ in. wide.

.10 per ft. \$1.00 per doz. ft.



No. 135.

Of bold design this moulding imparts a touch of distinction to many of the larger pieces of work. It is $1\frac{1}{2}$ in. wide.

.10 per ft. \$1.00 per doz. ft.



No. 137.

Another moulding rich in decorative value. Wonderful bargain at the price. It is $1\frac{1}{2}$ in. wide.

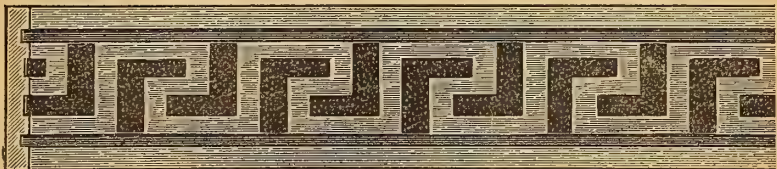
.08 per ft. .85 per doz. ft.



No. 136.

This "key" pattern is always a popular moulding. It is $1\frac{1}{2}$ in. wide.

.08 per ft. .85 per doz. ft.



Mouldings on this page are shown $\frac{2}{3}$ actual size.



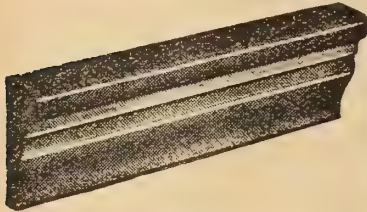
MOULDINGS,

BEADING, Etc.

A strip of Moulding or Beading judiciously added oftens transforms a plain-looking article into one of dignity and style.

No. 303 FANCY MOULDING

A Moulding of pleasing design. It is of great decorative value in Cabinets and the larger pieces of Furniture. Supplied in 3 sizes, each in Oak, Hazel Pine, and Mahogany.

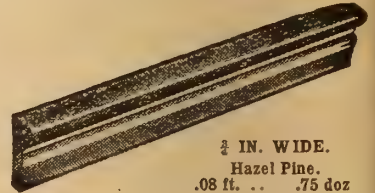


1 1/2 IN. WIDE.
Hazel Pine.
.12 ft. .. \$1.00 doz.
Oak.
.15 ft. .. \$1.25 doz.
Mahogany.
.15 ft. .. \$1.25 doz.

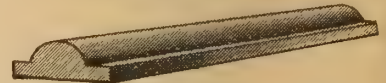


1 IN. WIDE.
Hazel Pine.
.10 ft. .. .85 doz.
Oak.
.12 ft. .. \$1.00 doz.
Mahogany.
.15 ft. .. \$1.25 doz.

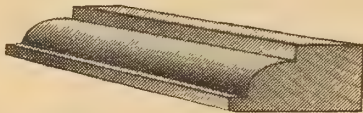
*Postage is extra
to all Prices.*



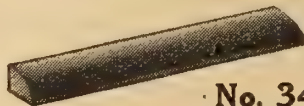
3/4 IN. WIDE.
Hazel Pine.
.08 ft. .. .75 doz.
Oak.
.10 ft. .. .85 doz.
Mahogany.
.12 ft. .. \$1.00 doz.



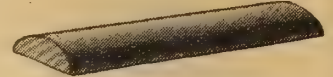
No. 18 MOULDING
SATIN WALNUT, OAK, MAHOGANY
OR SYCAMORE.
.05 per ft. .55 for 12 ft. \$4.25 for 100 ft.



No. 21 MOULDING
SATIN WALNUT, MAHOGANY, OAK
OR SYCAMORE.
.08 per ft. .90 for 12 ft.
\$6.75 for 100 ft.



**No. 34
1/4 ROUND BEADING**
SATIN WALNUT, OAK, OR
MAHOGANY.
1/4 in. .03 per ft. .35 12 ft. \$2.55 100 ft.
1/4 in. .04 per ft. .45 12 ft. \$3.25 100 ft.
1/4 in. .05 per ft. .55 12 ft. \$4.25 100 ft.



**No. 35 HALF
ROUND BEADING**
SUPPLIED IN SATIN WALNUT,
OAK OR MAHOGANY.
1/2 in. .03 per ft. .35 12 ft. \$2.55 100 ft.
1/2 in. .04 per ft. .45 12 ft. \$3.25 100 ft.
1/2 in. .05 per ft. .55 12 ft. \$4.25 100 ft.

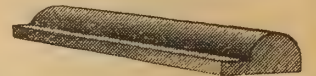
Be sure to state whether
1/8 in. or 3/8 in. groove is
required.



No 48.

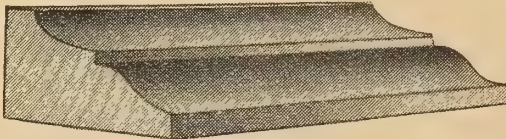
GROOVED MOULDING

For Cut-out Calendars, Statuettes, etc.
Made in Satin Walnut with 1/8 in.
and 3/8 in. groove. Price .05 per foot.
.55 for 12 feet. Post extra.



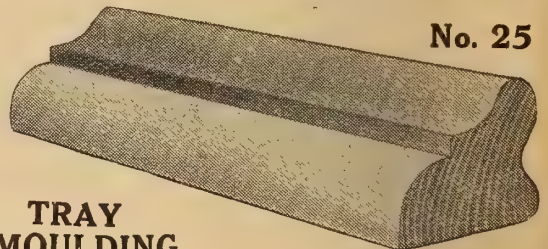
No. 24 MOULDING
IN OAK, SATIN WALNUT,
MAHOGANY OR SYCAMORE.
.05 per ft. .55 for 12 ft. \$4.25 for 100 ft.

Of conventional, yet pleasing design, this moulding is deservedly popular. It is particularly suited for cabinet work and fills in with almost any decorative scheme.



No. 17 MOULDING

IN OAK, SATIN WALNUT, MAHOGANY OR SYCAMORE.
.10 per ft. \$1.10 for 12 ft. \$8.50 for 100 ft.



No. 25

TRAY MOULDING

OAK .. .10 per ft. .. \$1.10 for 12 ft.
HAZEL WALNUT .. .08 per ft. .90 for 12 ft.
MAHOGANY .10 per ft. \$1.10 for 12 ft.

SUPPLIED SOLID AS
ILLUSTRATED OR
WITH 1/2 IN. OR 1/4 IN.
GROOVE FOR GLASS.
STATE WHICH
REQUIRED.

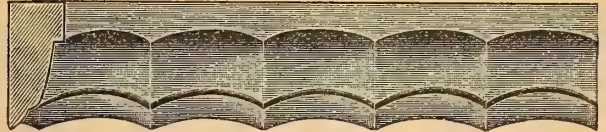


WAVED AND EMBOSSED MOULDINGS



No. 108. $\frac{5}{8}$ in. **WAVED FANCY MOULDING
IN BEECH.**
.07 per ft. .75 for 12 ft. \$5.75 for 100 ft.

No.
100 $\frac{3}{4}$ in. .05 per ft., .55 for 12 ft., \$4.25 for 100 f t
105 $\frac{1}{2}$ in. .07 per ft., .75 for 12 ft., \$5.75 for 100 ft.
107 $\frac{3}{4}$ in. .07 per ft., .75 for 12 ft., \$5.75 for 100 ft.



WIDE WAVED MOULDING.

No. 101. $\frac{5}{8}$ in. wide.
.07 per ft. .75 for 12 ft. \$5.75 for 100 ft.
No. 103. $\frac{3}{4}$ in. wide.
.07 per ft. .75 for 12 ft. \$5.75 for 100 ft.



FLAT WAVED MOULDING.

No. 111. $\frac{7}{16}$ in. .05 per ft., .55 for 12 ft., \$4.25 for 100 ft.



No. 124.

$\frac{5}{8}$ in. wide. .15 per ft.
1.65 for 12 ft. \$12.75 for 100 ft.

*These Mouldings are in Beech
suitable for staining any
shade. They are big-value.*

No. 122.



$\frac{5}{16}$ in. wide. .10 per ft.
\$1.10 for 12 ft. \$8.50 for 100 ft.

$\frac{3}{4}$ in. wide. .10 per ft.
\$1.10 for 12 ft. \$8.50 for 100 ft.

*Supplied in 6 ft. lengths, but
sent by post cut in 2 ft.
lengths. Postage is extra to
all prices.*

A Few Hints on Mouldings

HOW TO ORDER

When ordering by mail be sure to state sizes for cutting. You stand a better chance of receiving your moulding intact and undamaged if it is shipped in short lengths. Where moulding is to be mitred don't forget to allow a little for the mitres. And don't overlook the saving when you order a dozen feet. We pack carefully, for which no charge is made—but please include return postage with your orders. Thanks.

HOW TO USE

Don't use a husky saw for cutting delicate mouldings. You need a fine-tooth tenon saw to give a sharp, clean cut. And remember, if you have a mitre to cut—use a block or proper mitre-cramp. They are cheap to buy and ensure a sound, accurate job.

A length of moulding, judiciously added often transforms a plain-looking article into one of dignity and style. But don't overdo it.

Hobbies Limited, 54 Wellington Street West, Toronto



The GEM Machine \$13.50

Freight or Express Collect.

If the moving parts of "The Gem" are oiled at reasonable intervals it should last a lifetime and give to the most fastidious fretworker every satisfaction. A 48-page handbook of instruction on Fretwork, a Design, Drill Bit and a dozen Fretsaws are supplied with each machine.

Handsome taper U-shape nickel-plated metal arms, which cannot warp or shrink.

Tilting table for bevel cutting.

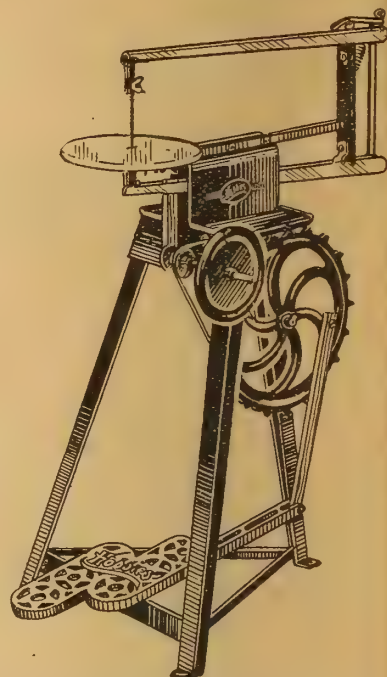
All-steel Frame, which cannot be broken in transit.

A clearance of 18 ins. behind the saw.

Large steel Tray for holding tools and work.

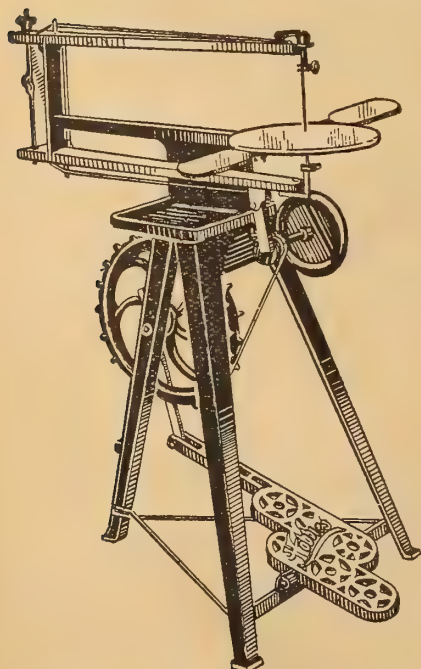
The Compound lever Tension Lever at the back end of the top arm gives 1 in. motion at the Saw Clamp so that when substituting a saw for the one broken it is only necessary to throw over the lever and insert the saw to again obtain identical tension. Further adjustment to the tension can be made by the oval-eye screw at the far end of the top arm or by the wing nut on the bottom end of stretcher rod under the bottom arm.

Lightness and rigidity.—The frame being of pressed steel it is the lightest and most rigid machine made.



Shipped knocked down in strong wood box.

Shipping weight, 31 lbs.



Shipped knocked down in strong wood box.

Shipping weight, 55 lbs.

The A1 Machine \$18.00

WITH SIDE WINGS (as illustrated)

\$19.50

Freight or Express Collect.

The A1 machine doubles your output in half the time. It is undoubtedly the most popular fret-machine ever introduced by Hobbies. Every spare part is carried in stock and can be supplied by return.

The Machine is designed to secure great rigidity and will be found remarkably steady in use. It is so strong that breakages in transport are reduced to a minimum.

The Table tilts to left or right for bevel cutting. There is a clearance of 19 ins. behind the saw. The Balance Wheel Spindle is supported on the front leg by independent bearings which may thus be easily replaced when they become worn.

Hobbies Special Lever Clamps securely grip the finest Sawblades and they are so made that the Lever cannot fly back and loosen the tension of the saw. The end of the Balance Wheel Spindle is arranged to hold a Drill, and there is also a convenient Tray for holding Saws and Tools. A 48-page Fretwork handbook of instruction, Drill Bit, one dozen Saws and two Designs are sent with each Machine. The dust-blower and ball-bearing pitman, illustrated on page 46, can be easily fixed to this Machine.

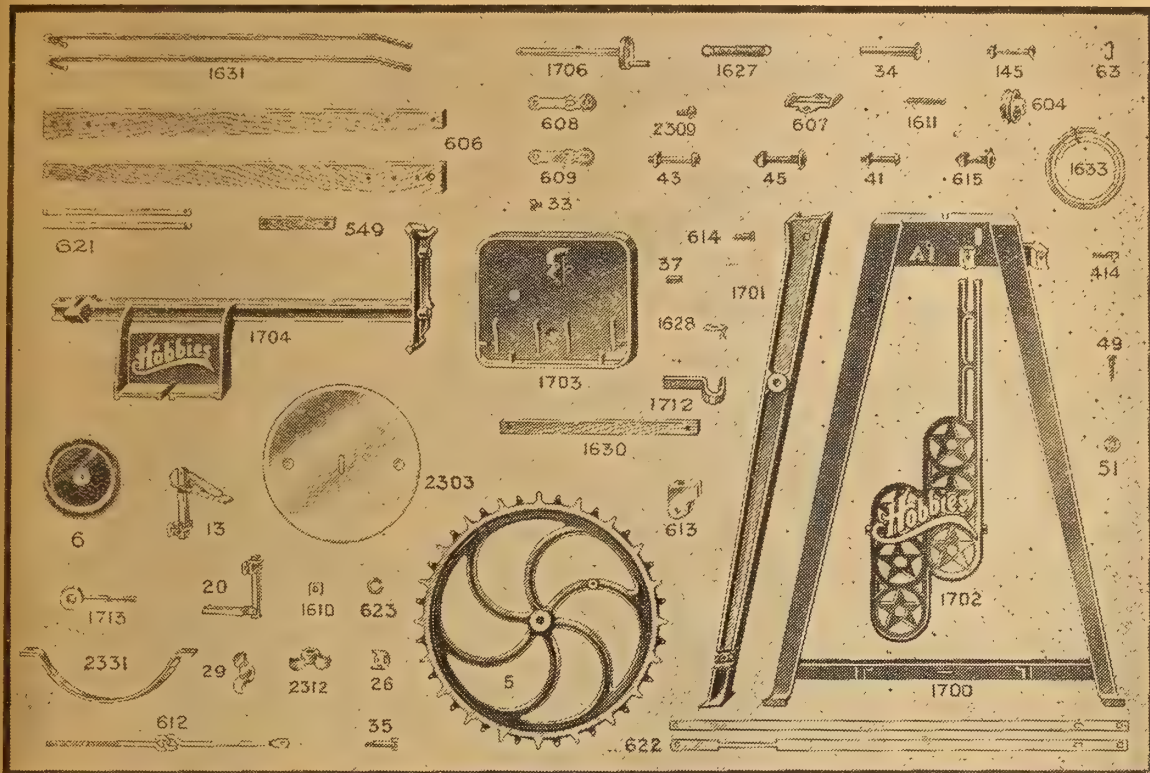
Hobbies Limited, 54 Wellington Street West, Toronto

A1 MACHINE



PARTS & PRICES

WE keep in stock all the separate parts and fittings to be found in our A1 Treadle Fretsaw. In the event of an accident to a Machine the owner can, therefore, obtain from us a duplicate of the broken Part and execute his own repairs.



No.		Price, each.
5	Cast Iron Driving Wheel	\$2.00
6	Balance Wheel Casting .. ..	.80
13	Top Clamp complete .. ..	.50
20	Bottom Clamp complete .. ..	.40
26	Knife Edge Washer .. ..	.03
29	Wing Nut .. ..	.05
33	Screw for fixing Drill Point .. ..	.03
34	Pin for Driving Wheel .. ..	.15
35	Crank Pin for Driving Wheel .. ..	.10
37	Grub Screw $\frac{1}{8}$ in. \times $\frac{1}{2}$ in. diam. .. ..	.03
41	Arm Bolt Rd. Hd. $\frac{1}{2}$ in. \times $\frac{1}{2}$ in. .. ..	.05
43	Treadle Bolt $\frac{1}{2}$ in. \times $1\frac{1}{8}$ in. threaded $\frac{1}{2}$ in. .. ..	.05
45	Stay Bolt Cup Sq. $1\frac{1}{2}$ in. \times $\frac{1}{2}$ in. .. ..	.05
49	Screw, $\frac{1}{2}$ in. by No. 5, Blue .. ..	.03
51	$\frac{1}{8}$ in. Washers .. ..	.02
63	Belt Fastener .. ..	.03
145	Rd. Hd. Truss Bolts $1\frac{1}{2}$ in. \times $\frac{1}{2}$ in. .. ..	.05
414	Square Head $\frac{1}{2}$ in. set Screw for Driving Wheel .. ..	.05
604	Pulley for Disc and Spindle .. ..	.35
606	Wooden Arms (Each) .. ..	.25
607	Knife Edge Bearing Plate for Arm .. ..	.08
608	Top Plate for Stretcher Rod .. ..	.05
609	Bottom Plate for Stretcher Rod .. ..	.05
612	Stretcher Rod, dull nickelled .. ..	.25
613	Pitman Bracket .. ..	.08
614	Pitman Bracket Pin .. ..	.05

No.		Price, each.
615	Bolt Sq. Cup 1 in. \times $\frac{1}{2}$ in. .. ..	.05
621	Connecting Link .. ..	.05
622	Truss Rod .. ..	.15
623	Ring for Stretcher Rod .. ..	.03
1610	$\frac{1}{2}$ in. Nut for Truss Bolts and Ring Bearing fitting and Pitman Pin .. ..	.03
1611	$\frac{1}{2}$ in. \times $1\frac{1}{8}$ in. Centre Screws for Table .. ..	.10
1627	Spring for Top Arm .. ..	.15
1628	Hook Washer for ditto .. ..	.03
1630	Long Wooden Pitman .. ..	.10
1631	Stay for Back Leg .. ..	.05
1633	Belt 3 ft. 6 in. long \times $\frac{1}{2}$ in. .. ..	.55
1700	Front Leg Casting	\$2.50
1701	Back " "	1.25
1702	Treadle " "	1.65
1703	Tray " "	1.45
1704	Top Arm " "	3.25
1706	Disc and Spindle .. ..	.65
1712	Treadle Hook .. ..	.05
1713	$\frac{1}{8}$ in. Stud and Ring Bearings .. ..	.25
1715	Short Wooden Pitman .. ..	.08
2303	Table Casting with Studs (plated and polished)	\$2.30
2309	$\frac{1}{8}$ in. \times $\frac{3}{8}$ in. Treadle Screw .. ..	.03
2312	$\frac{1}{2}$ in. Wing Nut .. ..	.10
2331	Semi-circular Clamp for Table .. ..	.10

Hardened Steel Thumb Screws and Shackles (unplated) for Saw Clamps, price .10 per Screw and Shackle.

NOTE.—The above prices do not include cost of Postage.

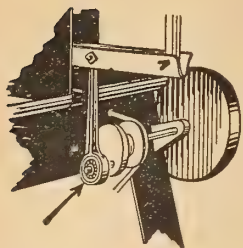
Hobbies Limited, 54 Wellington Street West, Toronto



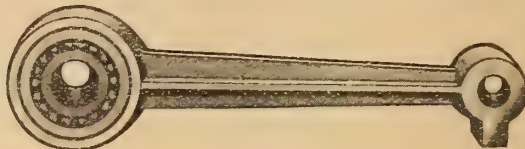
A BALL BEARING PITMAN

FOR THE GEM, A1, I.D.L., TRIUMPH, ANCHOR AND IMPERIAL MACHINES.

Fit this ball bearing Pitman to your machine and ensure light, sweet running. You will be amazed at the increased speed and *quietness* of the whole machine. When ordering it is necessary to state machine to be fitted.



The ball bearing Pitman in position on the machine.



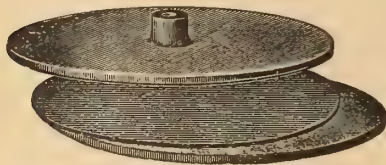
Not suitable for the 'Companion' Lathe.

PRICE \$1.25

5

DISCS FOR SANDPAPERING

These discs can be fixed in the place of the balance wheel on most Hobbies Fretmachines, so the sandpapering can be done at a very quick rate. One disc has coarse sandpaper and the other smooth for finishing.



1 Disc only \$1.35

Post .20

Spring Clips ea. .15

Post .03

Sandpaper .. .05
per sheet

2 Discs.

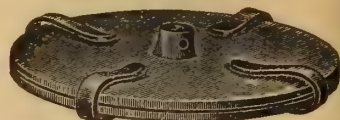
2 pieces Sandpaper.

PRICE \$3.25

4 Spring Clips.

1 piece Green Baize.

Postage .50



MACHINE SIDE WINGS

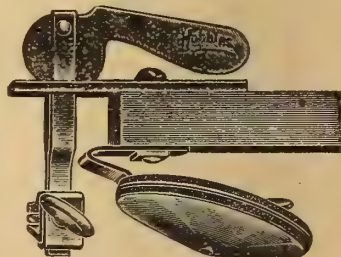


These side wings may be fixed to most of our fretmachines by the countersunk bolt supplied. They are most useful for supporting long work and may be swung round parallel with the arms when not in use.

PRICE per pair, \$1.50

Postage .25

Accessories which enable you to get the most out of your machine



Blows away the dust around the sawblade and cutting point. It is easily fixed and automatic in action.

Price .25

Postage .03

ACCESSORIES FOR THE 'COMPANION' LATHE ILLUSTRATED ON PAGE 48

DRILL CHUCK FOR ANY LATHE

Capacity 0 to 1/4 in.



No. 1.—With adaptor for the 'Hobbies' or 'Companion' Lathe
Price \$2.00 Postage .10

No. 2.—With Morse taper shank
Price \$2.00 Postage .10

DRILL CHUCK

With 1/8 in., 3/16 in., 1/4 in. Collets.

\$2.00 Post .10

TURNING TOOLS

Three useful tools as supplied with the lathe.

\$1.50 Post .10

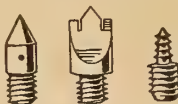
BELL CHUCK



With four screws for work up to 1 1/2 in. diameter.

\$1.75 Post .10

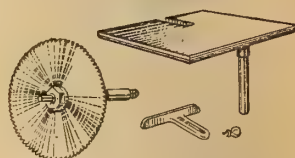
CENTERS



Plain, Spur, and Screw.

Price .30 each.
Post .02

SAW ATTACHMENT



Plated and Polished.

Price \$5.25 Post .20

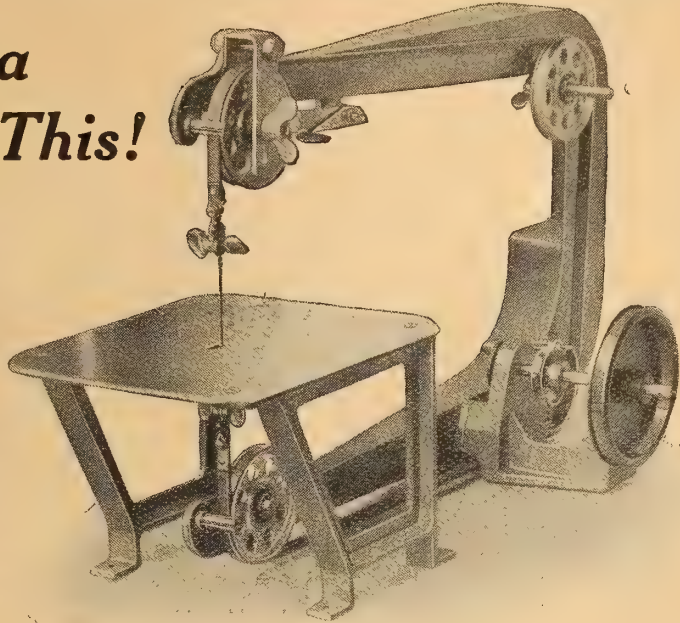


A Revolution in Fretmachines!

Never Before a Machine Like This!

Here is a machine with years of service built into it. The saw works with a true vertical stroke, which is produced by a flexible band working over suitable ball-bearing pulleys, which are made to oscillate by means of the "anchor" movement. Since the arms are fixed the saw can be relied upon to run with permanent accuracy.

Special double-grip anchor-sure clamps are provided which are absolutely effective under the hardest conditions.



BUILT for HIGH SPEED

The weight of the moving parts is small, which combined with the ball-bearing movement, gives remarkably light running. You'll say it's the smoothest running machine you ever used! The framework is of special design and is immensely strong and rigid. There is a clearance of 19 ins. behind the saw. The table is mounted on the bench, independent of the machine itself. It is, therefore, vibration-free!

Adjustment is provided for the driving band, and the usual saw tensioning device is incorporated. The driving mechanism is at the rear, away from the dust, and lends itself admirably to drive from countershaft, or coupled to a motor mounted alongside the machine.

The mechanism is accessible and no delicate adjustments are necessary to keep it "in tune". At \$28.00 the machine is big value.

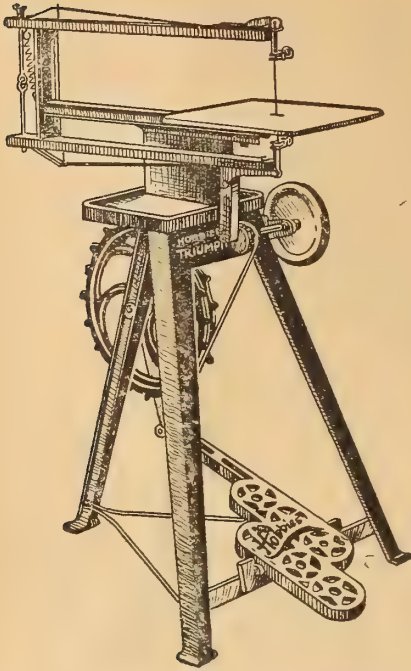
Note These FEATURES

1. Vertical Stroke.
2. Positive position of Saw.
3. Smooth Running.
4. Ball-bearing Movement.
5. Double-grip Saw Clamps.
6. Robust and Simple.
7. 19 ins. clearance behind Saw.
8. Years of service built into it.

The 'Anchor' Bench Machine \$28.00

Freight or Express Collect. Shipped knocked-down in strong wood box.

Hobbies Limited, 54 Wellington Street West, Toronto



The TRIUMPH Machine \$25.00

Freight or Express Collect.

Runs on ball bearings! The sweetest running machine you ever used. Rugged and strong—the Triumph machine is a real first-class job throughout.

The whole frame is designed to secure the maximum rigidity, and being correspondingly heavier than other machines, will be found remarkably steady when working even without any fixing. A useful Emery Wheel is added to the Balance Wheel Spindle, and the latter is also made to hold a drill point for fast drilling.

The table is rectangular with rounded corners and sides. It can be tilted to a great angle, without the edges of the narrow slot touching the saw. There is a clearance of 19 ins. behind the saw. A Counterbalance Spring at the back end of the top wooden arm adds to the free-running of the Machine and automatically raises the arm and brings it to rest when the Saw breaks; so preventing damage to the Stretcher Rod.

A fully illustrated 48-page handbook of instructions, a drill point, three dozen saws, and two designs are sent with each Machine. The dust-blower and ball-bearing pitman, illustrated on page 46, can be easily fixed to this machine.

*Shipped knocked down in strong wood box.
Shipping weight 62 lbs.*

The "COMPANION" Lathe & Fretsaw

COMPLETE MACHINE (as illustrated)	..	..	..	\$28.50
COMPANION LATHE ONLY	..	..	..	19.50
FRETSAW ATTACHMENT ONLY	..	..	..	9.00
CIRCULAR SAW ATTACHMENT	..	..	..	5.25

Freight or Express Collect.

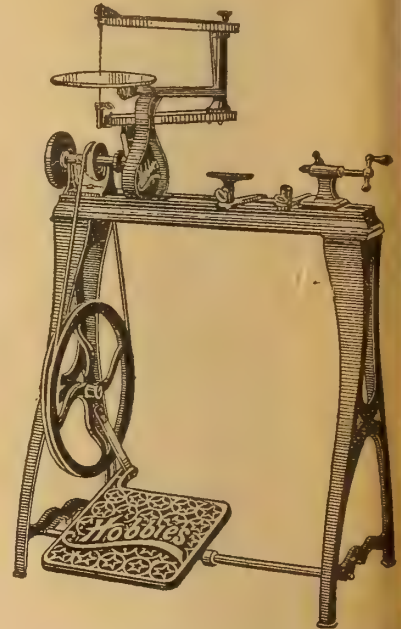
This Companion Machine forms a useful Amateur's Lathe and Fretsaw. The larger Driving Wheel has two grooves of varying depths to give a change of speed. Work up to 14 ins. long by 5 ins. diameter may be held between the centers.

The Lathe head is provided with a 2-in. Face Plate, a Spur Center, and a Screw Center for turning cups. It has also a solid Emery Wheel and a Drill Spindle. The Tail Stock has a Screw Feed Center. The Lathe is provided with two Rests, three Turning Tools, Wrench and Screwdriver, and with the Fretsawing Attachment, Designs, Saws, Drill Points, etc.

Circular Saw Attachment. A Circular Saw Attachment, as illustrated on page 46, with Nickel-plated and polished Table, can be fitted to the Companion Lathe.

Fretsaw Attachment. The Fretsawing Attachment is secured to the Lathe Bed by one bolt, and can be put on and taken off as desired. It is fitted with 19-in. arms (with adjustable Trusses to prevent bending), Nickel-plated Tilting Table, and Hobbies Spring-open Lever Saw Clamps.

Accessories. Centers, Chucks, Turning Tools, etc., are shown on page 46.



*Shipped knocked down in strong wood box.
Shipping weight 85 lbs.*

Hobbies Limited, 54 Wellington Street West, Toronto



THE TOGGLE LEVER FRAME

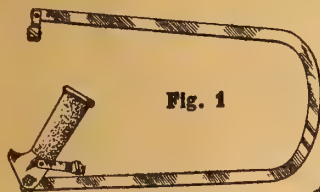


Fig. 1

An entirely new principle is embodied in this frame which is both simple and effective. The handle forms a lever which you simply turn and at once you have as much tension on the saw as ever you require. The handle automatically locks itself in the working position and gives a firm and comfortable grip. This

is the most valuable invention relating to Fretsaw Frames that we have offered to fretworkers for some years and should again add to our reputation as the BRITISH pioneers.

WITH METAL HANDLE

As shown in Fig. 1, 2 and 3.

12 in. \$1.15

14 in. 1.25

16 in. 1.35

Postage .20 extra on each.

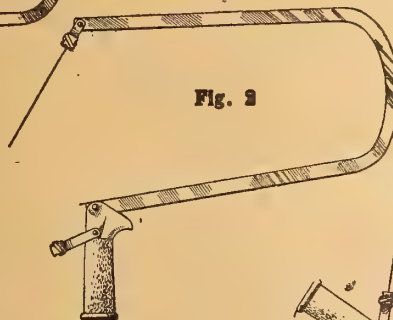


Fig. 2

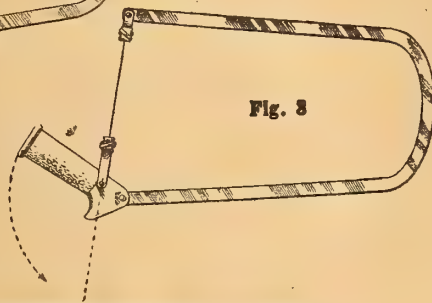


Fig. 3



THIS IS THE TOGGLE LEVER FRAME WITH THE BAKELITE HANDLE

Notice the pistol-like grip of this better handle. It undoubtedly transforms the toggle-lever frame into the most practical and efficient fretsawing tool ever devised. The slight extra cost is soon forgotten in the increased comfort and cutting capacity of this wonder frame.

12 in. Frame	(Bakelite Handle)	\$1.50
14 in. „	„	1.60
16 in. „	„	1.70

Postage .20 extra on each.

Instructions.

The frame is sent out in the packed position (Fig. 1). First turn the handle out of the way, then insert the saw in the top clamp (Fig. 2), seeing that it is in a straight line with the rivet from which the clamp hangs. For internal frets the saw can now be threaded through the hole. Bring the bottom clamp up and fasten the saw (Fig. 3), so it is in a straight line with the rivet from which the bottom clamps swings. If the saw is inserted about half an inch each end a good tension will be effected when the handle is turned into the working position. Here the handle automatically locks itself. We advise releasing the tension before removing the saw.

Hobbies Limited, 54 Wellington Street West, Toronto



HOBBIES LEVER FRAME

The lever provides for instantaneously putting tension on the Saw. Moreover, the long screw in the handle enables the tensioning of the Saw to be regulated, at the same time making it possible to use shortened Sawblades instead of throwing them away. This Frame is one of which any worker may be proud.

12 in. Frame	-	\$1.30
14 in. ,,	-	1.40
16 in. ,,	-	1.50
18 in. ,,	-	1.60

Postage .20 extra on each.

SPARE PARTS

Top Saw Clamp	Bottom Saw Clamp	Wooden Knob
A complete fitting of clamp, lever and screw and shackle for the sawblade.	A complete fitting with long threaded stem, nut for fixing & screw & shackle.	Polished turned wooden knob with drilled shank and threaded nut.
Price .35	Price .35	Price .15

The Postage is .03 extra on each of these accessories.

This is the handframe with the natural grip handle which permits long periods of cutting without effort or strain on the wrist muscles. The triplex levers provide an inch of motion for both the top and bottom clamp.

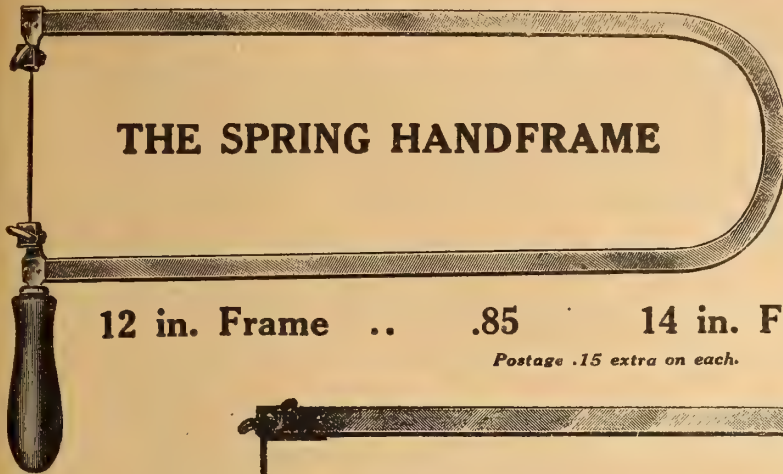
HOBBIES TRIPLEX LEVER FRAME

PRICES

12 inch Handframe	-	-	-	\$1.50
14 ,, ,,	-	-	-	1.60
16 ,, ,,	-	-	-	1.70
20 ,, ,,	-	-	-	1.80

Postage .20 extra on each.

Hobbies Limited, 54 Wellington Street West, Toronto



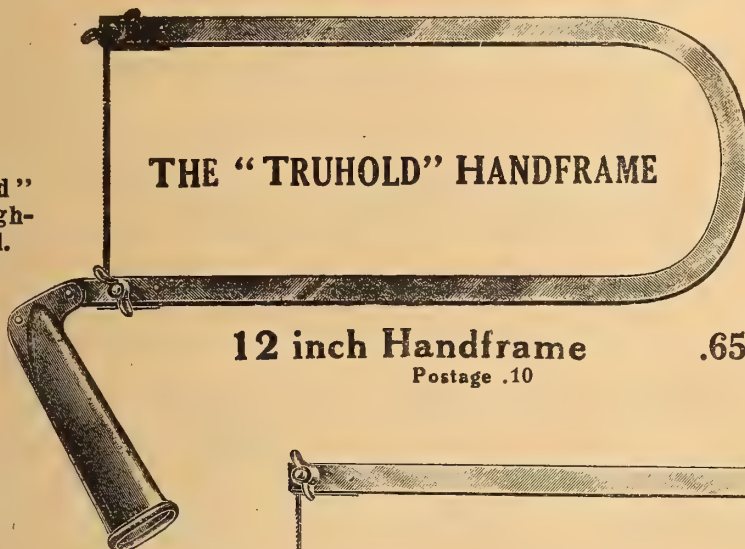
THE SPRING HANDFRAME

This Spring Handframe has been designed for those who wish for a thoroughly serviceable cheap Fretcutting Tool. The Clamps are formed on our spring-open principle, and will hold the finest saws. The tension is secured by the spring of the arms.

12 in. Frame .. .85 14 in. Frame .. .95

Postage .15 extra on each.

The "Truhold" is made throughout of Metal.



THE "TRUHold" HANDFRAME

When the "Truhold" frame is held normally the saw stands vertically. It is held tightly with wing nuts, and the spring of the frame provides the tension required.

12 inch Handframe .65

Postage .10



DUST BLOWER

Clips on the underside of the top arm and clears the dust away from the cutting line. Automatic in action. Price .20

Postage .02 extra



WING NUT

For the Boy's and "Truhold" Handframes. Price .05



SCREW and SHACKLE

Fits the better class Frames and most machines Price .10



BOY'S HANDFRAME

Here is quite a nice little frame which is suitable for the beginner who cannot afford the best. The Frame is strongly made from best steel and with a comfortable handle.

9 inch Handframe - Price .40
12 " " " " .50

Postage .10 extra on each

Hobbies Limited, 54 Wellington Street West, Toronto

HOBBIES

BRITISH

FRETSAWS

The best fret-cutters in the world use Hobbies Fretsaws because they last longer, are sharper, and made from special quality steel. They are made by Hobbies own process in their own factory.

Silver Label

Beyond question the best fretsaws made. Each blade is individually put through a special process to make the back of the saw actually thinner than the teeth. The result is a fretsaw unequalled for free cutting, sharpness, and long life.

.25 per doz.

\$2.75 Gross
Sizes 0, 1, 2, 3, 4

Yellow Label

The Standard Grade of HOBBIES Fretsaws known everywhere for their clean, sharp cutting qualities and almost immunity from breakage.

.20 per doz.

\$2.00 Gross
Sizes 00 to 6

Blue Label

HOBBIES second quality fretsaws. Not quite up to the high standard required of our other fretsaws, but infinitely better than those usually offered at this low price.

.15 per doz.

\$1.50 Gross
Sizes 0, 1, 2, 3, 4

Hobbies Heavy Saws

With special wide blade, suitable for thick wood in furniture or cabinet making. Will fit any handframe or machine.

.35 per doz.

\$3.50 Gross

Metal-Cutting Saws

Use these blades for cutting sheet metal, ivory, xylonite, etc. (Not guaranteed British manufacture.)

.20 per doz.

\$2.00 Gross

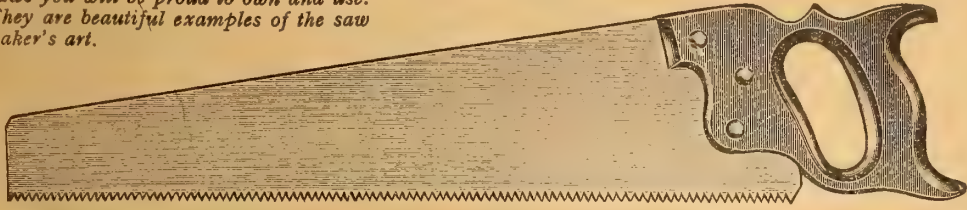
Postage is .02 extra to all above prices.

Hobbies Limited, 54 Wellington Street West, Toronto



HANDSAWS

*Saws you will be proud to own and use.
They are beautiful examples of the saw
maker's art.*



These Handsaws are the pick of the market, beautifully made and a delight to handle. Will satisfy all requirements of the amateur carpenter.
18 in. blade, \$1.25 24 in. blade, \$1.50 26 in. blade, \$1.75 Postage .15 on 18 in. .20 on 24 in. and 26 in.

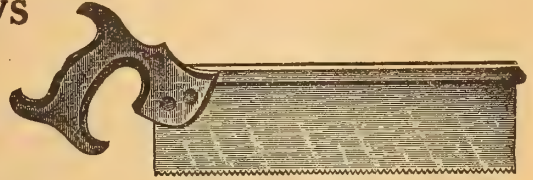
TENON SAWS



BRASS BACK

These saws are big value, and just what you need for the smaller carpentry jobs. Don't let the low prices frighten you.

8 in. blade .. .35 9 in. blade .. \$1.00
Postage .15 extra on each.



A well-made saw of good quality with bright back and special wide blade for deep cutting.

12 in. blade, \$1.40 14 in. blade, \$1.75
Postage .20 extra on each.

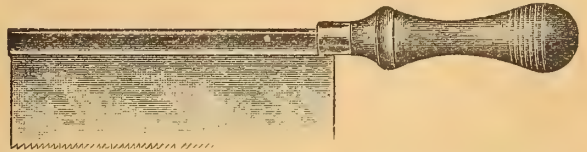
METAL CUTTING SAW

A saw with special blade for cutting sheet metal.



A useful Saw for the metal-worker. The blade is specially hardened and tempered and is 5 ins. long. It is wonderful value at the price.

No. 126 Price .40 Postage .10



Just the saw for cutting beadings and small mouldings. The finely spaced teeth leave practically no "burr." The handle is made from beechwood, nicely shaped and polished.

No. 125. Price .65 Postage .10

BRASS BACK SAW

CHISELS & GOUGES

These cutting tools are of reliable quality, with blades which will take and keep a keen cutting edge. They are fitted with comfortable handles nicely turned and polished.



CHISELS

$\frac{1}{8}$ in. Chisel	..	.40	$\frac{1}{2}$ in. Chisel	..	.45
$\frac{1}{4}$ in. "	..	.40	$\frac{3}{4}$ in. "	..	.50
$\frac{3}{8}$ in. "	..	.40	1 in. "	..	.65
$\frac{1}{2}$ in. "	..	.45	Postage .05 extra.		

GOUGES

$\frac{1}{2}$ in. Gouge	..	.45
$\frac{3}{4}$ in. "	..	.50
$\frac{1}{2}$ in. "	..	.55
$\frac{3}{4}$ in. "	..	.65

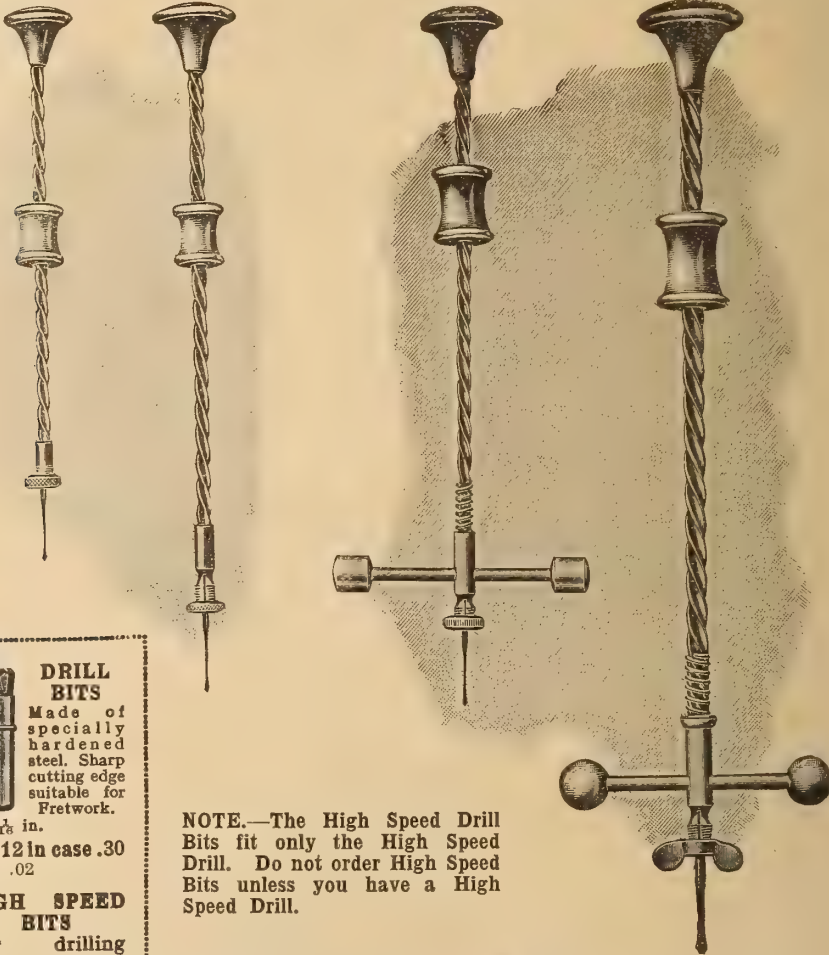
Hobbies Limited, 54 Wellington Street West, Toronto



HOBBIES FRETWORK DRILLS

These tools are an essential part of the Fretworker's outfit and also prove useful on a hundred and one occasions for the ordinary handyman. Those made by Hobbies are specially designed and a great improvement on the ordinary patterns. The movement of the metal handle turns the drill point at a very quick rate and bores a hole through ordinary fretwood easily.

The moving handle in the base of the two larger sizes has a Ratchet Nut, which allows the Drill to revolve continuously in the one direction, the momentum being maintained by the fly weights during the upward stroke of the hand. The Continuous High-Speed Drill is made for larger work and holds specially large drill points for making holes from $\frac{3}{32}$ in. to $\frac{3}{16}$ in.



DRILL BITS

Made of specially hardened steel. Sharp cutting edge suitable for Fretwork.

Fine to $\frac{1}{16}$ in.

4 in case .15 12 in case .30

Postage .02

HIGH SPEED BITS

For drilling holes about

$\frac{1}{16}$ in., $\frac{1}{8}$ in., $\frac{1}{4}$ in., $\frac{3}{8}$ in. diameter.

4 Assorted Sizes .35

Postage .02

These Bits fit the High Speed Drill only

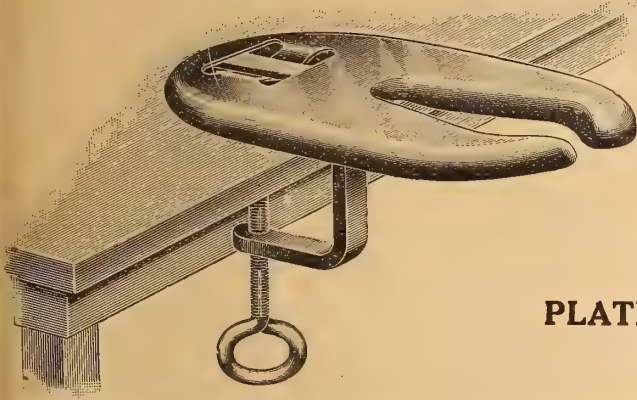
NOTE.—The High Speed Drill Bits fit only the High Speed Drill. Do not order High Speed Bits unless you have a High Speed Drill.

THE BOY'S DRILL	WITH 2 BITS	.35	POST
THE SIMPLEX DRILL	" 4 "	.50	POST
THE RAPID ACTION	" 4 "	.75	POST
THE HIGH SPEED	" 4 "	\$1.15	POST

Hobbies Limited, 54 Wellington Street West, Toronto



The increasing demand for Hobbies Metal Cutting Tables is proof of their popularity amongst discerning fretworkers. By using these metal tables the number of broken saws, which so frequently occur when using a wooden table (due to cutting into the table and then turning the work), is reduced to a minimum. Strong and well-finished cramps are supplied with all tables, as illustrated.



THE OVAL STEEL CUTTING TABLE

This table, beautifully finished and nickel-plated, is undoubtedly the most satisfactory cheap cutting table on the market. It is pressed from excellent quality steel, and the rounded edges and flat polished surface allow the work to be turned quite easily.

PLATED & POLISHED PRICE .40

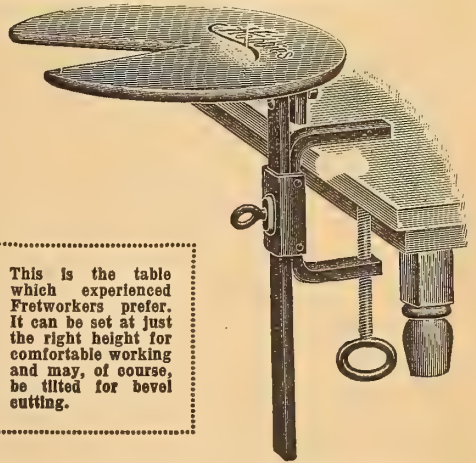
Postage .08 extra

ADJUSTABLE TILTING TABLE "B"

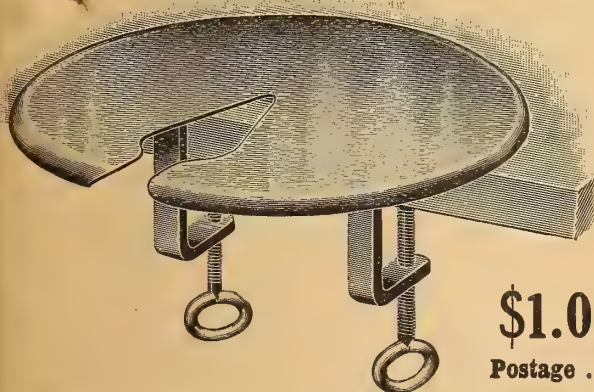
This is a useful type of Cutting Table, and one which can be tilted to left or right for Antofret or bevel cutting. The table is fixed to an upright slide which passes through a socket in the Cramp. The length of the slide permits of the table being adjusted in height to the extent of five inches.

No. 3 DULL NICKELLED, PRICE \$1.25

Postage .20 extra



This is the table which experienced Fretworkers prefer. It can be set at just the right height for comfortable working and may, of course, be tilted for bevel cutting.



DOUBLE CRAMP CUTTING TABLE

We designed this table (which is nickel-plated and polished) especially for fine fretcutting, so that delicate frets might be rigidly supported. There are two clamps fixed to the underside of the pressed steel table, which hold it quite firmly. The saw opening is pear-shaped to allow cutting up to the smallest point. The rounded edges allow work to be turned easily and without likelihood of damage.

\$1.00

Postage .20

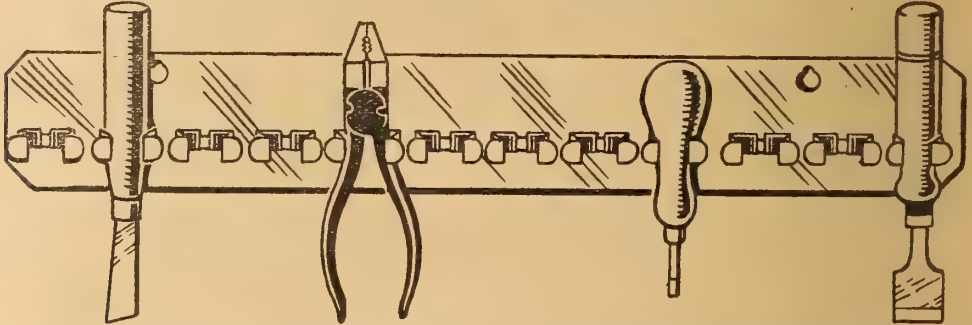
Hobbies Limited, 54 Wellington Street West, Toronto



HOBBIES STEEL TOOL RACK

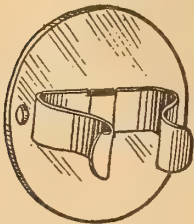
Nickel-plated and Polished

These Tool Racks form exceedingly useful and convenient additions to the amateur's workshop. They are made of Steel, and are provided with 12 strong Spring Clips for holding Tools, as shown in the illustration. These Racks, which are hung to the wall by means of two eyelets, are made in two sizes; one for small tools and the other for larger ones. We specially recommend the 18 in. Rack.



13 ins. long, .40 Postage .10

18 ins. long, .65 Postage .10



A few of these Clips in the Home or Workshop will save time and temper.

HOBBIES SINGLE TOOL CLIP

In Workshop, Kitchen, Storeroom, or Cupboard, wherever Tools are kept, this tool clip will be found a boon to those whose motto is to have "a place for everything and everything in its place." It is made of good quality steel and has a dull nickelled finish. The clip portion is riveted to the base, which makes for strength and long life.

No. 1 (Round) .05 each

Post .02

.55 per doz.

Post .10



MATTING TOOLS FOR WOODWORK

These punches are specially made for producing a matt surface on woodwork. By their use a striking contrast can frequently be secured, adding greatly to the appearance of a Fretwork, Antofret or carved article.

3 Pt. .25

16 Pt. .30

4 Pt. .25

25 Pt. .40

9 Pt. .25

Postage .04



HOBBIES FRETWORKER'S STRAIGHT EDGE



4 ins. .30

Postage .03

You can cut perfectly straight lines with a fretsaw very rapidly. Place the Straight Edge to the line on your pattern, press home the needle points, they will prevent the rule from moving, run the saw along the Tool, and a straight line is cut without damage to saw or Straight Edge.

Hobbies Limited, 54 Wellington Street West, Toronto



SET OF SIX 4 in. METAL FILES

A useful set of particularly good files, which can be used with confidence on any amateur's work.

PRICE \$1.45 Postage .07

FRETWORK FILES

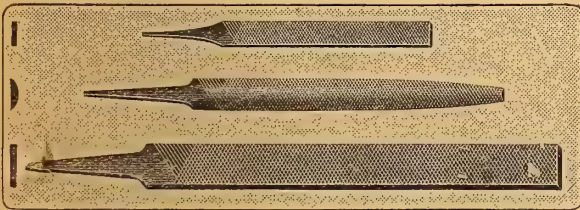
A set of six files (one of each shape) as shown in the illustration. Specially made for Fretworkers. 5 ins. long.

PRICE .65 Postage .05



WOODWORK FILES

These files are useful for shaping the edges of woodwork and for finishing off after the rasp. You need all three in your tool-kit.



4 in. Flat	..	..	..	..	.25	Postage	.05
6 in. Half-round	..	..	..	..	.25	"	.05
8 in. Flat	..	..	..	..	.35	"	.05

WOOD RASPS

These rasps are essential to every Fretworker and Woodworker; they are half-round in section, round tooth cut, and are unhandled. 6 ins. long.

PRICE .30 Postage .03

METAL HANDLE FILE PAD



SET OF FOUR FRETWORK FILES WITH HANDLE

A set of four files with plated metal handle. A useful beginner's outfit.

PRICE .50 Postage .05



FRETWORK PASTE

For Jig-Saw
Glue
see page 13.



We have specially prepared for the use of Fretworkers a strong and highly concentrated Paste. It is non-poisonous, dries quickly, and is transparent; will not grow mouldy; is of uniform consistency, free from lumps, and in every way better and cheaper than Gum or Flour Paste. Before being used the paste requires to be diluted with a large quantity of water.

.20 per Bottle Postage .10

A suitable Brush supplied .05 extra.

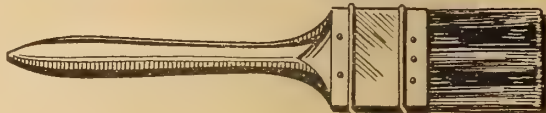
BRUSHES



No. 2 .. .10
No. 4 .. .15

No. 6 .. .20
No. 8 .. .20

Postage .03 extra

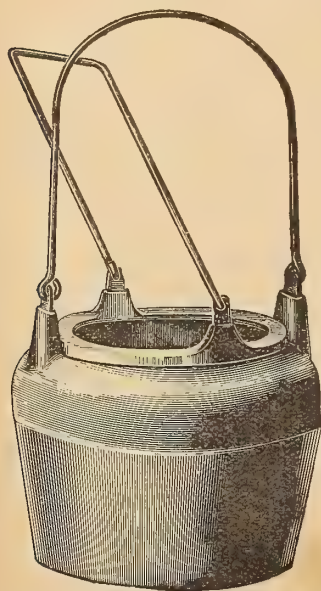


$\frac{5}{8}$ in. .. .15

1 in. .. .20

$1\frac{1}{2}$ in. .. .25

Postage .03 extra



HOBBIES GLUE KETTLE

These are made in our workshops. The lugs to which the handles are fixed are made of steel, and cannot therefore be broken off. The handles will support each other, and can be fixed so that neither will get unduly heated. The Glue Kettles have a dull nickel finish.

PRICE .90

Postage .20

FRETWORK GLUE

In Tubes

.05 and .20

Post .02 and .04
respectively

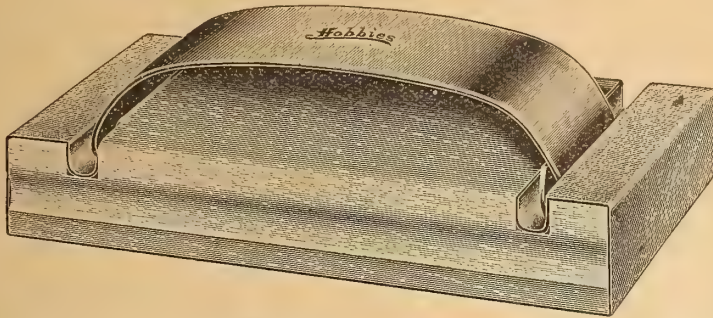


The best adhesive for Fretwork, always ready for use. The Glue is equally useful as a Cement for China, Earthenware, Leather, etc., etc. Instructions are sent with each Tube.



HOBBIES SANDPAPER BLOCK

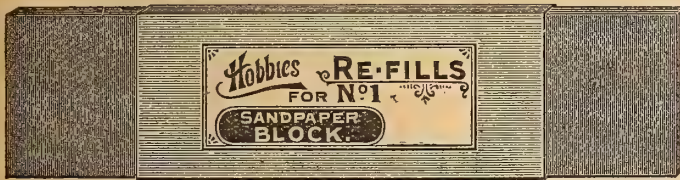
Indispensable to Fretworkers Our own make



This popular Sandpaper Block was designed by us many years ago to meet the requirements of the Fretworker. Many imitations have since come on the market, but it has never been equalled. The great feature is that the act of inserting the spring automatically tightens the sandpaper strip and holds it in place firmly. The polished handle is comfortable to hold and the block easy to use.

No. 1 Block (3 ins.)	Price .15	Postage .03
No. 2 „ (5 ins.)	„ .30	„ .07

STRIPS OF SANDPAPER RE-FILLS

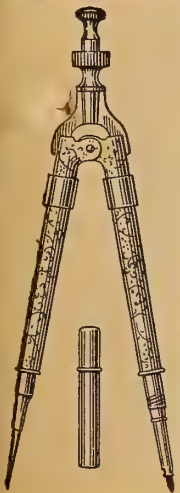


12 STRIPS ASSORTED (COARSE TO FINE).

No. 1	.10 per doz.
No. 2	.20 „ „

Postage .03 extra

Also supplied in sheets 00·0·1·1½ F2. Grades (Fine to Coarse). Sheets measure 12 ins. by 10 ins. .05 each. Postage .02



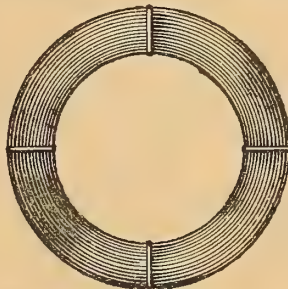
COMBINED COMPASSES AND DIVIDERS

For Fretworkers, Woodworkers, Draughtsmen, etc. This well-finished Instrument forms a serviceable pair of Dividers, with a reversible leg for use as a Pair of Pencil Compasses. A box of Leads is also supplied, and the whole is contained in a card-board case.

PRICE .60
Postage .55

BENT IRON RIBBON

In coils of 50 ft. It is pliant and firm, with round smooth edges.



½-in., ⅝-in. and ¾-in., .50
¾-in., .65 Postage .10

CIRCLE CUTTER



A handy tool for cutting circles in thin wood. The cutter is adjustable to cut out a circle up to 5 ins. in diameter.

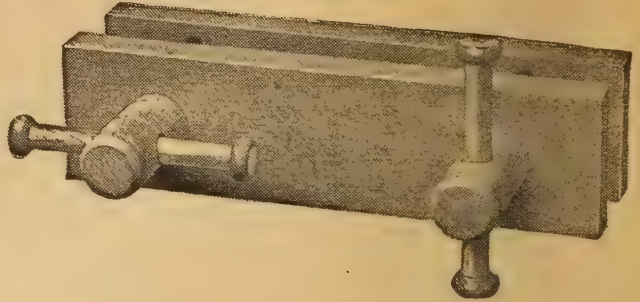
PRICE
.75
Post .06

Hobbies Limited, 54 Wellington Street West, Toronto



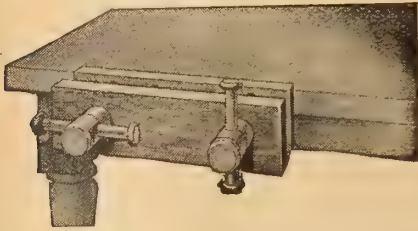
WOODEN BENCH VISE

The worker who has not an ordinary carpenter's bench will find this tool just the thing for all his woodwork jobs. It is a strong hardwood vise which can be screwed to the kitchen table quite easily by means of screws in the two holes in the back board. They can just be seen in the illustration. A real serviceable tool, well made of beech, and fitted with hardwood screws.



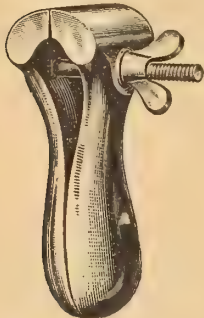
"A" VISE 12in. Long \$1.00

Postage .30 extra.



HAND VISE

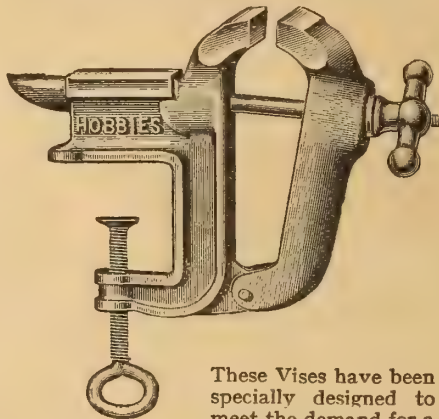
1½ in. JAW



This is a beautifully finished little Tool, very useful for holding small articles while filing, cutting, sand-papering, etc. Nickel-plated and Polished.

PRICE .75 Postage .10

HOBBIES VISE

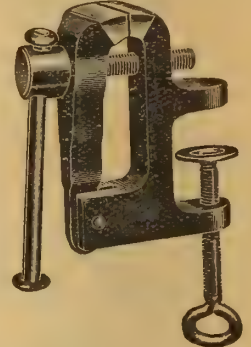


These Vises have been specially designed to meet the demand for a serviceable and inexpensive tool

No. 1 1½ in. JAW \$1.00
Postage .25

"HANDY" VISE

¾ in. Jaw.

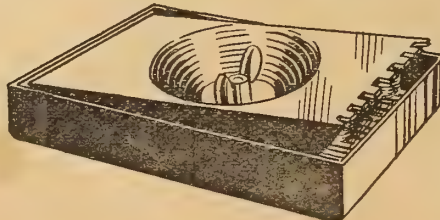


Made to clamp on the bench or table, this little Vise will be found useful on many occasions. It is amazing value. British made.

PRICE .40
Postage 10

HOBBIES STEEL BENCH STOP

This fine tool is made from steel. It can be easily fitted to the ordinary Bench, only requiring a rectangular recess ¾ in. deep. When fixed it is perfectly flush with the bench.

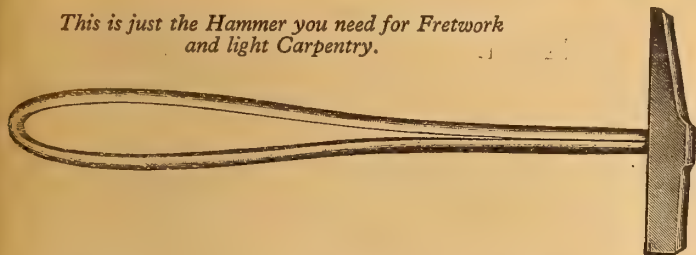


By operating the wing nut on top the Stop is raised or lowered to suit any thickness of work. A good tool for a first-class tradesman.

PRICE .75 Post .08



This is just the Hammer you need for Fretwork and light Carpentry.



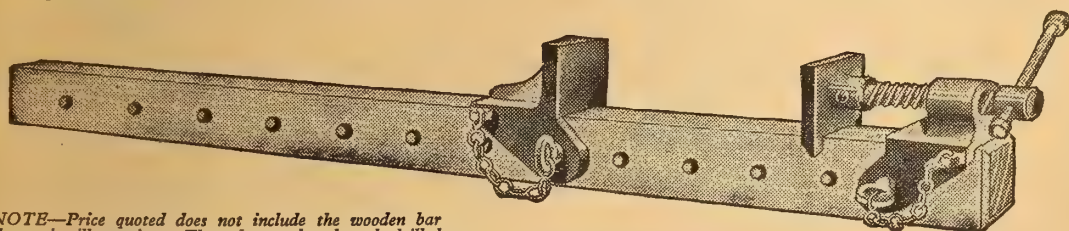
TACK HAMMER

A useful Hammer for Fretwork and light Carpentry. The Handle is comfortable and the head cannot come loose. Nickel-plated and polished.
Price .25 Postage .05

EVERY HANDYMAN NEEDS A SASH CRAMP

Here's a good strong one—at a low price!

If you are looking for a Sash Cramp of real practical value yet reasonable in price, you will undoubtedly choose the one illustrated below. Probably its most outstanding feature is S-T-R-E-N-G-T-H. In spite of this rugged construction, however, it is surprisingly easy to handle. A square cut thread of generous dimensions ensures long life, and the retaining pins which hold the cramp heads to the bar are of ample size to withstand any pressure likely to be applied. A short length of chain to each pin is a precaution against loss. Remember, there is no limit to the capacity of this Cramp—the wooden bar (see note below) may be either long or short to suit the job in hand.



NOTE—Price quoted does not include the wooden bar shown in illustration. These bars, planed and drilled ready for use, are obtainable as follows:

2 ft.	..	.30	Postage, .20
3 ft.	..	.35	Postage, .25

Price 1.50

Postage .25

HOBBIES CORNER CRAMP



The Hobbies Corner Cramps are made of dull-nickelled iron, fitted with steel screws, and accurately machined. No. 2 Cramp takes moulding up to $3\frac{1}{4}$ ins. wide and has some parts plated and polished.

No. 1 $\frac{1}{2}$, \$1.40

Postage .25

No. 2, \$1.75

Postage .30

HOBBIES ALL-STEEL CORNER CRAMP



A Picture Frame Cramp made from Steel, and unbreakable. It is well made and finished, and will take work up to $2\frac{1}{2}$ ins. wide. For ordinary moulding it is a very serviceable article.

PRICE \$1.00

Postage .20

Hobbies Limited, 54 Wellington Street West, Toronto



The "Challenge" CARPENTRY OUTFIT

Here we have the "CHALLENGE" Outfit which provides a useful range of all British tools, and sets a new standard of value in tool sets for the amateur. Each tool actually does the job for which it is intended. The tools are mounted on a bright card and housed in an attractive box with hinged lid. This set is outstanding value.

CONTENTS

A reliable Handsaw which really does cut wood, a Screwdriver, Gimlet, Carpenter's Chisel, Bradawl, Hammer, and Rule. Each tool definitely planned to do the job for which it is intended.

\$1.95

Postage .25



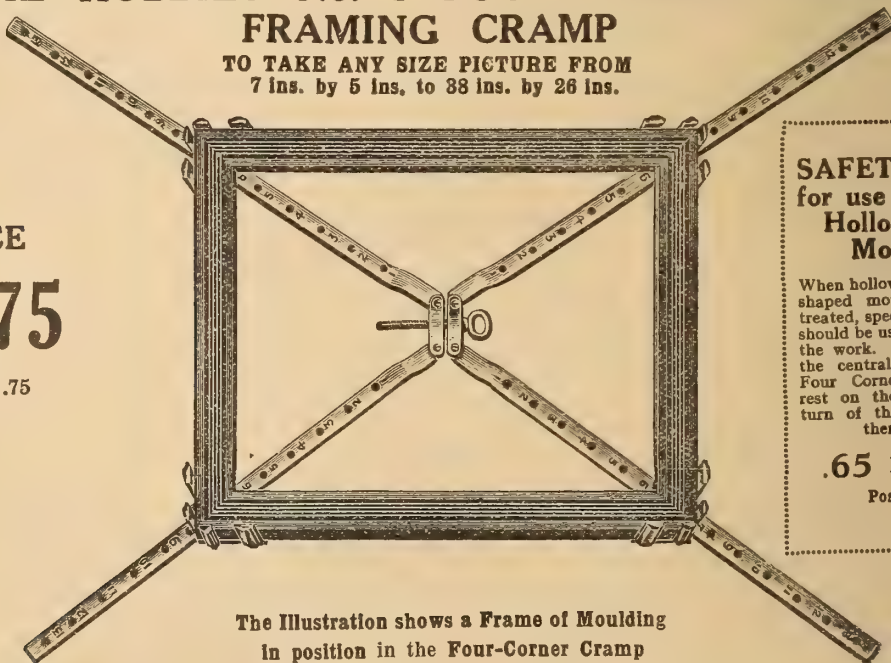
THE HOBBIES No. 1 FOUR-CORNER PICTURE FRAMING CRAMP

TO TAKE ANY SIZE PICTURE FROM
7 ins. by 5 ins. to 38 ins. by 26 ins.

PRICE

\$4.75

Postage .75



SAFETY STOPS for use with any Hollow Back Moulding

When hollow-back or similar shaped moulding is being treated, special Safety Stops should be used to hold down the work. These slip over the central pillars of the Four Corner Cramps and rest on the Moulding. A turn of the screw secures them firmly.

.65 FOR FOUR

Postage .05

The Illustration shows a Frame of Moulding
in position in the Four-Corner Cramp

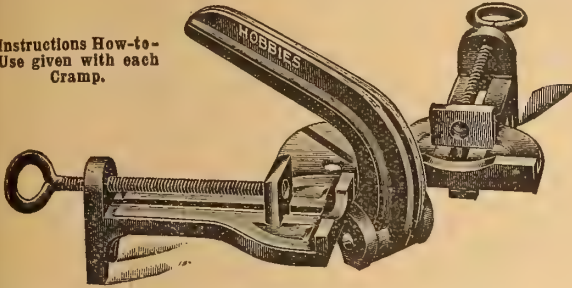
This splendid Four-Corner Cramp has four corner brackets, which may be readily adjusted on four radial arms. The brackets are provided with projecting pins, which are placed within the numbered slots of the radial arms according to the size of frame being made. The slots are keyholed, and the pins are provided with heads so the brackets cannot spring out of position when the screw is tightened.

Hobbies Limited, 54 Wellington Street West, Toronto



No. 1 MITRE-CUTTING TOOL AND CRAMP

Instructions How-to-Use given with each Cramp.



This Combined Mitre-Cutting Block and Corner Cramp will hold moulding up to $4\frac{1}{2}$ ins. wide. To the back of the Cramp is hinged a central Saw Guide, adjusted to an angle of 45 degrees. The Guide is 7 ins. long, and as it hinges right down on to the work, there is no possibility of the saw running to either side. A wooden bed below prevents the teeth from getting damaged. When the Guide is thrown back, the Tool may be used as an ordinary corner Cramp for gluing.

Price \$3.95; Postage .55

No. 2 MITRE-CUTTING

The Cramps are operated by two half-inch square-thread screws, and the saw guides are longer. We warrant each Cramp to be perfectly accurate, and will replace any that does not give satisfaction. The work may be glued up direct from the saw without any shooting or paring of the mitres, as the Saw Guides ensure the cut being exactly 45 degrees, and perfectly square with the back of the moulding.

Price \$6.75 Postage .75

Length Gauges, for ensuring the same length being cut, are illustrated below.

TOOL AND CRAMP

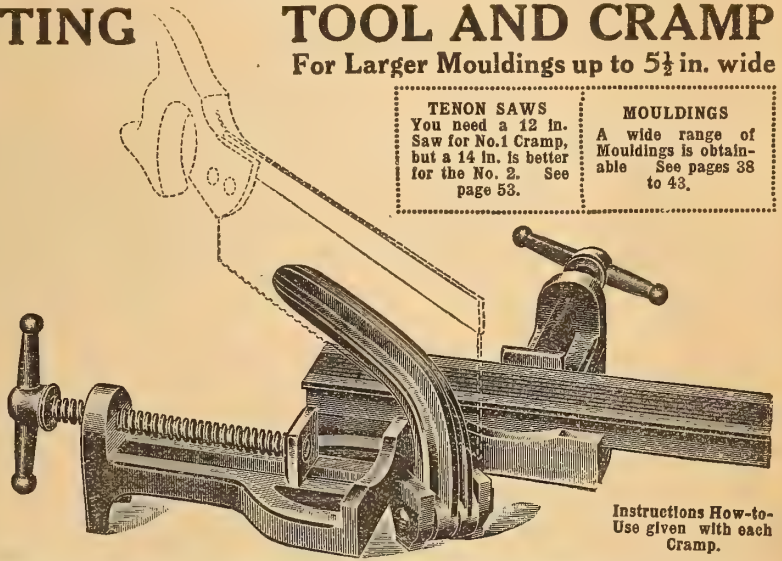
For Larger Mouldings up to $5\frac{1}{2}$ in. wide

TENON SAWS

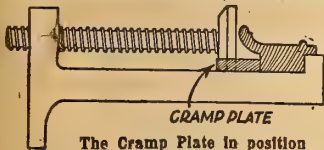
You need a 12 in. Saw for No. 1 Cramp, but a 14 in. is better for the No. 2. See page 53.

MOULDINGS

A wide range of Mouldings is obtainable. See pages 38 to 43.



Instructions How-to-Use given with each Cramp.



The Cramp Plate in position on the Cramp.

CRAMP PLATES FOR HOLLOW-BACKED MOULDING

For Spoon Moulding, etc., these iron plates slip over the end of the cramp, and hold without damaging.

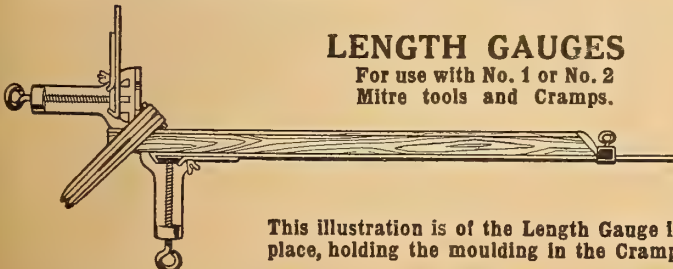


For No. 2 Corner Cramp .30 per pair.

" 1 Mitre Tool .30 "

" 2 " " .40 "

Postage .10 extra per pair.



LENGTH GAUGES

For use with No. 1 or No. 2 Mitre tools and Cramps.

This illustration is of the Length Gauge in place, holding the moulding in the Cramp.

These tools are made to fit on to a left hand or a right hand cramp plate, and ensure absolute accuracy in the cutting length. They are made of steel, and plated to prevent rusting. No. 1 Tool Gauge takes work up to 2 ft. 6 ins. long, and the No. 2 Tool Gauge up to 4 ft.

For No. 1 Tool .. \$1.25 each
Postage .20

For No. 2 Tool .. \$1.75 each
Express .50



MITRE-CUTTING TOOLS

No corner can be cut true unless you have an accurate and reliable tool. Here are some you can rely upon. They are easy to handle, made of good materials and are specially suitable for the mouldings and beadings as illustrated elsewhere. A Mitre Block provides a reasonably accurate tool at a modest price, but if you go in for serious work the mitre cramps on the adjoining page are a worth-while investment.



9 in. MITRE BLOCK

This Block is well-made of selected Hardwood and is provided with two slots for mitre-cutting and a centre slot for sawing work at right-angles. It is a handy tool for the smaller sizes of mouldings, and beadings.

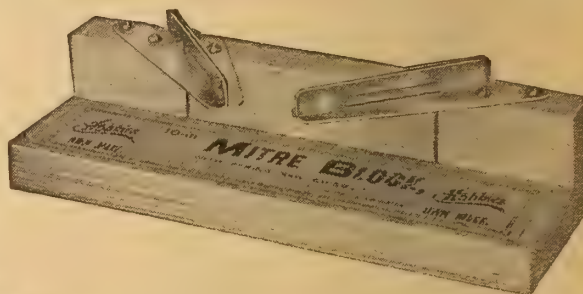
Price .35 Postage .10

10 in. MITRE BLOCK

WITH SPRING SAW GUIDES

This block is provided with left and right-hand guides and takes work up to $1\frac{1}{2}$ ins. high. The Spring Saw Guide is a wonderful aid to accurate mitre-cutting. If you are looking for a reliable mitre block at a moderate price this is the one to buy.

Price \$1.00 Postage .15



12 in. MITRE BLOCK

WITH SPRING SAW GUIDES

A real serviceable tool for work up to $1\frac{1}{2}$ ins. high. The sawblade is held at the correct angle by the spring guides. Apart from its use as a Mitre Block the extra guide provides for cutting off work at right-angles.

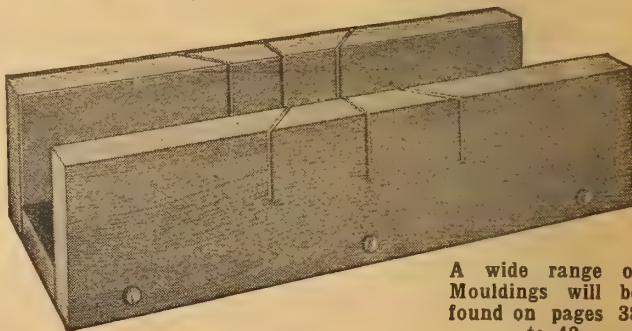
Price \$1.45 Postage .20

Suitable Tenon Saws are shown on page 53.

12 in. MITRE-CUTTING BOX

This is the box used by a picture framer but one which is useful on any ordinary occasion for mitreing. The moulding is laid in the trough between the sides. The sawblade passes through the two slots which act as a guide as the cut is made, so ensuring an accurate angle. Well made of seasoned beech. To take work $2\frac{1}{4}$ ins. wide and 2 ins. high.

Price \$1.00 Postage .20

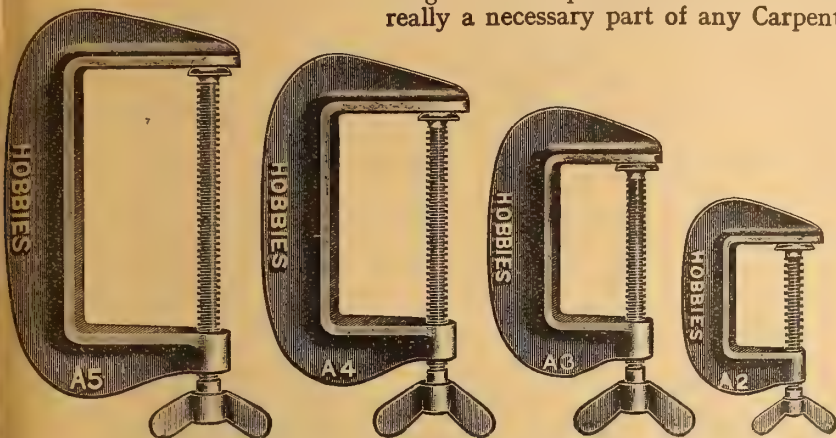


A wide range of Mouldings will be found on pages 38 to 43.



HOBBIES "A" SERIES CRAMP

These Cramps are of light cast metal, with polished surface and wing nut on a square thread screw. They are always useful and are really a necessary part of any Carpenter's or Fretworker's Outfit.



A2. 2 ins.	.40
A3. 3 ins.	.50
A4. 4 ins.	.60
A5. 5 ins.	.80

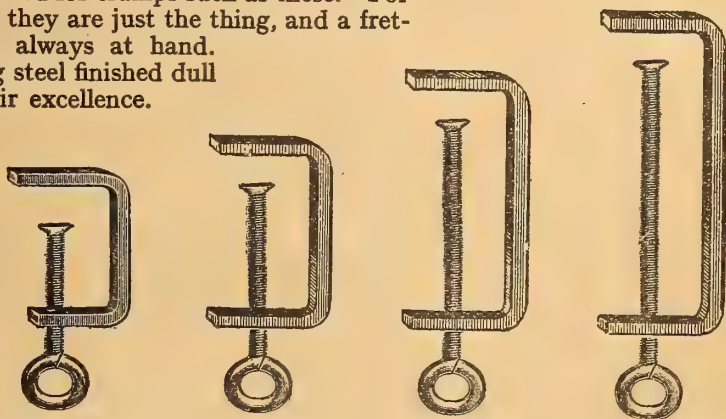
(Postage .10 extra on A2 : .20 on the others).

HOBBIES ALL-STEEL CRAMPS

Every worker will have found the need for cramps such as these. For holding work together after gluing they are just the thing, and a fretworker need have three or four always at hand. They are light, but made of strong steel finished dull nickel. Their demand proves their excellence.

In Four Sizes
Light and Strong

2 in. opening	.15	Post	.05
2½ in. "	.20	"	.06
3½ in. "	.25	"	.07
4½ in. "	.30	"	.08



HOBBIES METAL SPOKESHAVE



A splendid tool for shaping and rounding surfaces smoothly and quickly.

1½ in. blade. PRICE .40
Postage .10

SPIRIT LEVEL

No need to guess whether a shelf or table is level. This handy little tool will show you quickly and accurately.



4 ins. long. Price .50 Postage .05

Hobbies Limited, 54 Wellington Street West, Toronto



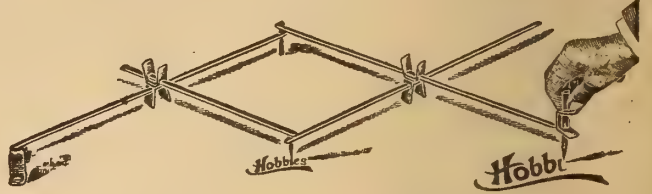
HOBBIES ALL-STEEL PANTOGRAPH

A useful mechanical contrivance for enlarging drawings by an accurate and simple method. The picture shows how the small word "Hobbies" is being re-drawn much larger. The pictures can be drawn almost any size without trouble or practise.

Complete in a Box

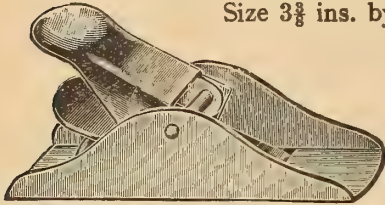
PRICE \$1.50

Postage .10



HOBBIES ALL-STEEL PRESSED PLANE

Size $3\frac{3}{8}$ ins. by $1\frac{1}{8}$ ins.



Plated and
Polished
.35

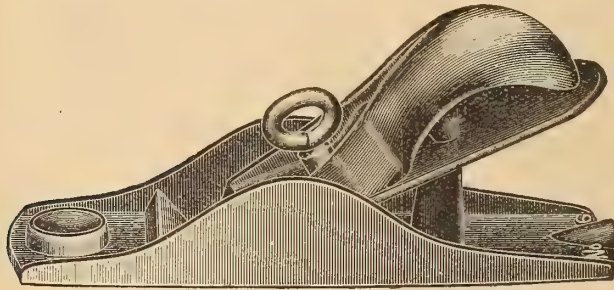
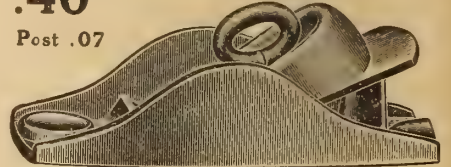
Postage .05

No. 1 PLANE

Size $3\frac{3}{8}$ ins. by $1\frac{1}{8}$ ins.

.40

Post .07



HOBBIES No. 6 PLANE

Size $5\frac{1}{4}$ ins. by $1\frac{1}{8}$ ins.

PRICE - .85

Postage .10

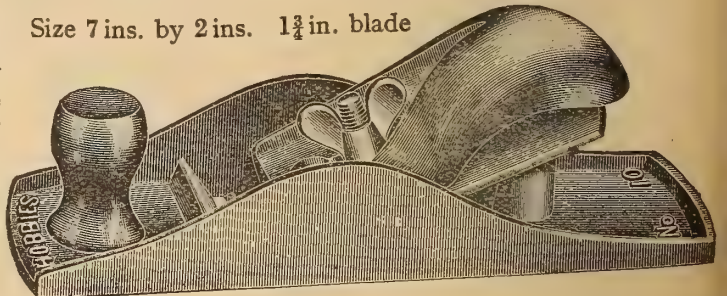
HOBBIES No. 10 SPECIAL PLANE

This splendid Plane has been specially designed and made by us to meet the requirements of the Fretworker for a really handy and useful Plane. It must not be confused with the rough, black, badly-finished imitation sometimes seen.

PRICE \$1.30

Postage .15

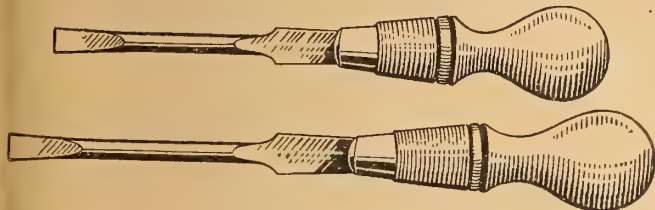
Size 7 ins. by 2 ins. $1\frac{3}{4}$ in. blade



Hobbies Limited, 54 Wellington Street West, Toronto



SCREWDRIVERS, BRADAWLS, GIMLETS, Etc.



SCREWDRIVERS

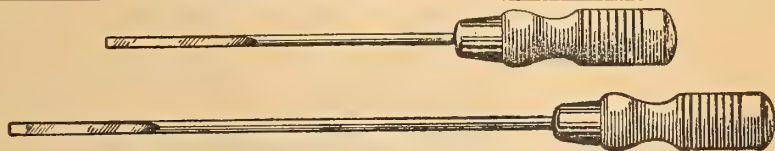
These Drivers are essential to the handyman and amateur carpenter. They are the most popular shape, comfortable to use, with long, strong driving iron, best quality steel.

3 in. Shank .25 4 in. Shank .30
5 in. Shank, .35

Postage .05 extra on each.

RADIO SCREWDRIVERS

For the home worker these Screwdrivers are excellent and reliable tools, the long blade provides easy access to awkwardly placed screws. The neat little boxwood handle gives adequate turning power.



4 in.—.25 6 in.—.30 8 in.—.35

Postage .05 on each.

BRADAWLS



Small, .15 Medium, .20 Large, .20
Postage .03 extra on each.

HEXAGONAL HEADED SCREWDRIVER



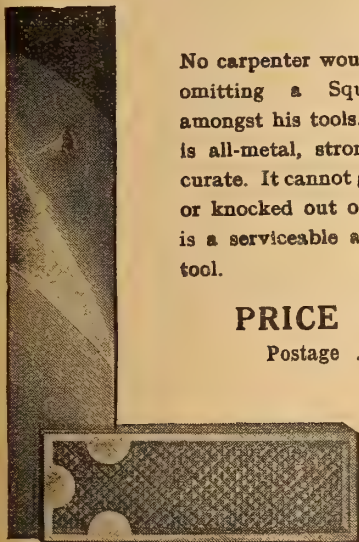
A splendid little tool for the fretworker, the blade takes the tiniest screws. Price .25 Postage .03

METAL SQUARE

No carpenter would think of omitting a Square from amongst his tools. This one is all-metal, strong and accurate. It cannot get chipped or knocked out of true, and is a serviceable and reliable tool.

PRICE .50

Postage .10



STEEL RULES

A Rule must be accurate to be of real service. These are beautifully made and finished and, of course, accurate.

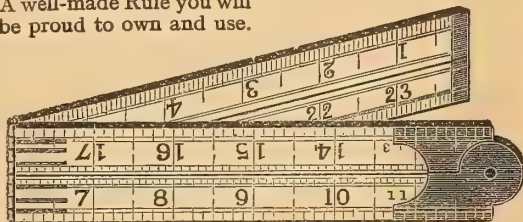


4 ins., .20 6 ins., .30 12 ins., .60

Postage .03 extra.

BOXWOOD TWO-FOOT RULES

A well-made Rule you will be proud to own and use.



No. 0. 1 in. wide Price .40

Postage .05 extra.



SET OF WOOD-CARVING TOOLS

There are twelve tools in each set, comprising two chisels, one skew chisel, two flat gouges, two curved gouges, a V-tool, a bent gouge, a veiner and two bent back tools. All are made of Sheffield steel, and ground ready for use after a little rub on the stone.

COMPLETE SET \$7.50

Postage .20 extra



CHIP-CARVING TOOLS

These Tools are made just the right size for working and with a comfortably shaped handle. Made in twelve shapes to cover every angle and line needed. They have good edges, which can be easily kept sharp on a slip.

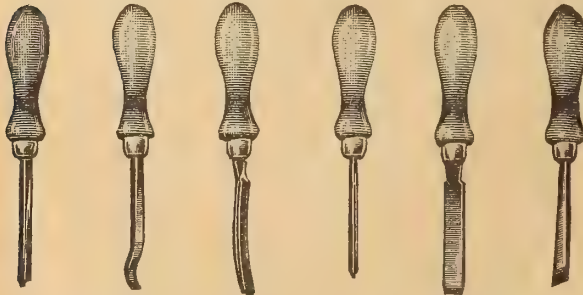
PRICE \$5.75 THE SET

Postage .20



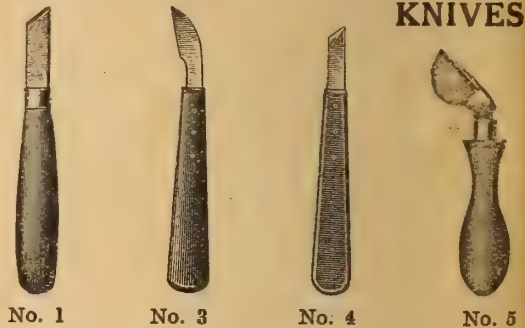
BOY'S CARVING TOOLS

A set of reliable, sharp and strong tools suitable for the young beginner.



Price \$1.75 Set of 6 Postage .10

WOOD AND CHIP-CARVING KNIVES



No. 1

No. 3

No. 4

No. 5

PRICE .55 EACH

Postage .03 extra on each

WOOD-CARVING DESIGNS

Design No. 2002, Price 15 cents, shows four delightful subjects on which the wood-carver will be glad to try his hand. The design features a book-rest, a calendar, and two small picture frames.



HOBBIES LIGHTNING POLISH

A PERFECT POLISH ANY AMATEUR CAN USE

A FRENCH polish finish adds a lot to the value and looks of any piece of fretwork or general woodwork. The addition of this brilliant finish is now brought within the ability of any worker by means of Hobbies Lightning Polish. It can be used on any natural wood, and will produce a brilliant polish to any work. It is quite simple to apply and a child almost can be sure of splendid results. There is none to equal the Hobbies Lightning Polish; thousands already use it and are delighted. Don't buy inferior or cheap stuff and expect the same results. Make sure of the best by buying Hobbies.



The Amateur's
Own Outfit
for a
Professional
Finish

There is now no need to leave any work unfinished or to worry over being unable to do french polishing. Hobbies Lightning Polish is specially prepared for the amateur, and can be used with confidence. The stains supplied in the Outfit are useful to match up almost any work, and the woodfiller is a specially prepared paste ready to use on open grained boards. No hard or monotonous work is entailed—simply a little polish and a little rubbing. The instructions give exact illustrations of the process which makes the polishing easy and straightforward. A trial bottle will prove its excellence.

TWO COMPLETE OUTFITS

"JUNIOR" OUTFIT

Contains a bottle of polish, a rubber, a supply of crystals for staining whitewood down to mahogany, oak, or walnut, a piece of sandpaper of suitable grade, a tin of woodfiller, and a leaflet of full instructions for use.

.90

Post .15

"SENIOR" OUTFIT

If you have a number of polishing jobs on hand this is the Outfit to buy. The contents are practically double size all round. Buy this "double-size" outfit, then, for economy and convenience.

1.25

Post .20

1/2-pint Bottles, \$1.10 (Post .15)

BOTTLES



Single bottles are also obtainable in two sizes, with rubber and instructions. The larger size contains double the quantity and is most economical to buy.

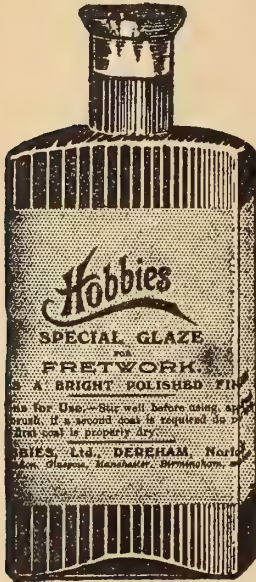
JUNIOR .40
SENIOR .65

Postage .10

Hobbies Limited, 54 Wellington Street West, Toronto



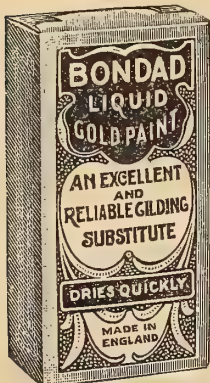
HOBBIES SPECIAL GLAZE



The best substitute for Polish.
Is easily applied with a brush
does not hide the grain.
Gives a bright polished finish.

Price .50 per Bottle.
Postage .10

"BONDAD" LIQUID GOLD PAINT



An excellent and reliable
gilding substitute. It is
easily applied with the brush
provided and dries quickly.

Price .20 per bottle.
Postage .08

The Stains and Polishes supplied by Hobbies Limited are deservedly popular amongst home craftsmen. They are of the highest quality and each may be depended upon to do its particular job efficiently and economically. The

EGG - SHELL BLACK



Just the thing for
bent ironwork or
any work required
jet black and
without a polish.

Price .25
Postage .08

POWDER DYES

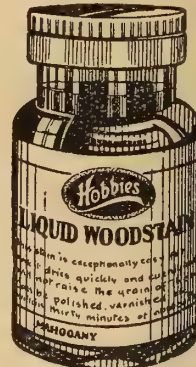
With these Dyes you can make your own water or spirit stain. Each color is obtainable for use with either water or spirit. These dyes stain the wood deeply and evenly without any trouble.



Obtainable in the following colors for use with either water or spirit. Be sure to state which is required.
Mahogany, Walnut, Light Oak, Dark Oak, Ebony, Red, Green, Brown, Blue, Rosewood.
.15 per Tin. Post .03

Stains and Dyes are available in a wide range of colors and there is an equally wide choice of "finishes," i.e., french polish, glaze, varnish, etc., so that one's particular taste may be fully exercised.

SPIRIT STAIN IN FIVE SHADES



In order to meet a very large demand we now put up a reliable and excellent spirit stain at a small price. It dyes the wood deep and even, does not raise the grain, and is dry within 30 minutes.

JACOBAN OAK MAHOGANY LIGHT OAK FUMED OAK WALNUT

.25 Per Bottle
Post .10
Large Size .65
Post .20

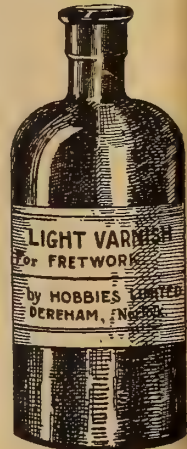
EBONISING SOLUTION



By the use of this preparation an excellent imitation of Ebony is produced at a small cost.
Small Bottle, .35
Large Bottle, .55
Postage .10

SUPERIOR VARNISH

A fine Varnish for Fretwork, supplied either light or dark.
Small .35
Large .55
Postage .10





MARQUETRY & SLIDE-OFF TRANSFERS

Transfers cost little but add lots to the appearance of cabinet doors, trays, panels, etc. They are easy to apply and surprisingly durable in use.



S.O. No. 2. 2 $\frac{3}{4}$ in. circle.
Price .08 each.



S.O. No. 1. 2 $\frac{3}{4}$ in. circle.
Price .08 each.



S.O. No. 3. 2 $\frac{3}{4}$ in. circle.
Price .05 each.



S.O. No. 31. 2 in. circle.
Price .08 each.

A B C D E F G H I
J K L M N O P Q R
S T U V W X Y Z

The Animal Transfers are in the simple SLIDE-OFF process. This type of transfer is probably the easiest of all to apply. Turn to page 73 and read how.

ALPHABET TRANSFERS

The Alphabet and Numerals in red and black, in simple slide-off process. On sheets containing TWO sets of each.

*In $\frac{1}{4}$ or $\frac{1}{2}$ in. letters—.15 per sheet.
2 in. letters .30 per two sets.*

The Alphabet and Numerals are also obtainable as an ordinary Transfer—not slide-off process.

No. 5175.
Letters $\frac{1}{2}$ in. high.
Price .15



S.O. No. 4.
1 $\frac{1}{2}$ in. \times 1 $\frac{1}{2}$ in.
Price .05



No. 5128. 2 $\frac{1}{2}$ in. \times 1 in., .03

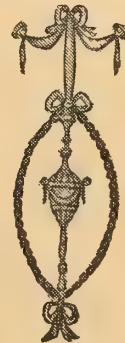
Add .03 for return postage on all orders by post.



No. 5270. 4 $\frac{1}{2}$ in. \times 3 $\frac{1}{2}$ in.
Price .10



No. 5322. Size 7 in. \times 6 $\frac{1}{2}$ in., .20
No. 5323. " 5 $\frac{1}{2}$ in. \times 4 $\frac{1}{2}$ in., .15
No. 5324. " 4 $\frac{1}{2}$ in. \times 4 $\frac{1}{2}$ in., .10



No. 5124.
2 $\frac{1}{2}$ in. \times 1 in.
Price .05

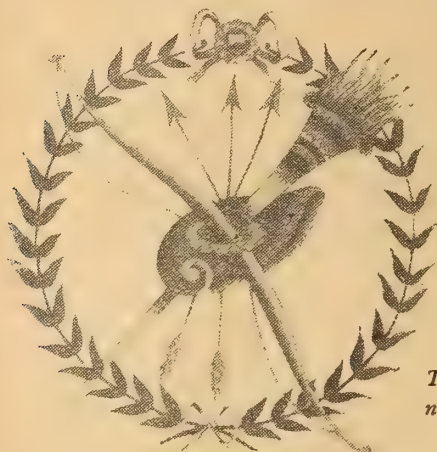


No. 1093.
7 $\frac{1}{2}$ in. \times 1 $\frac{1}{2}$ in.
Price .15

Hobbies Limited, 54 Wellington Street West, Toronto



Another page of bright transfer subjects which can be used on many occasions for many classes of woodwork. The fixing solution is a specially prepared liquid which ensures satisfactory results in applying the transfers.



No. 5392.—Size 6½ in. square .25



Transfers are not necessarily shown in proportion.

BUNCH OF CARNATIONS

No. 5707.—3¼ in. × 2¾ in. . . .10

ALWAYS GIVE
REFERENCE NO. IN
ORDERING.



No. 5617.
3 in. high .10

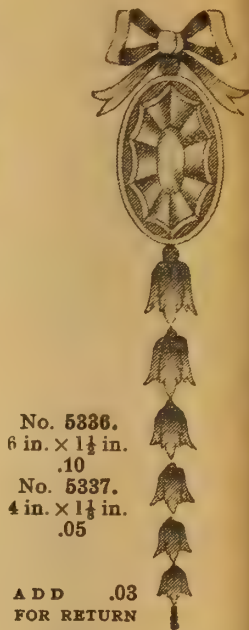


TRANSFER FIXER

By using this special Transfer Solution the addition of all kinds of decorations is simple and speedy. Full instructions for use are printed on the labels.

.30 per bottle

Postage .07 extra



No. 5336.
6 in. × 1½ in. .10
No. 5337.
4 in. × 1½ in. .05

ADD .03
FOR RETURN
POSTAGE.



No. 5608. 6 in. high .15
No. 5609. 3 in. high .10



STRIP OF DUTCH FIGURES (IN COLOURS)
No. 6053.—Figures 2 in. high. Price .15 a strip of six subjects.

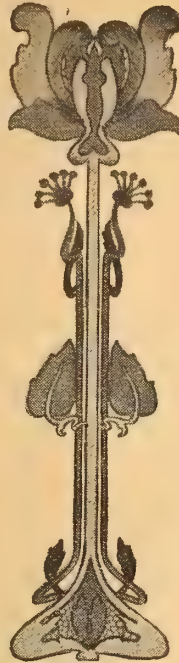
Hobbies Limited, 54 Wellington Street West, Toronto



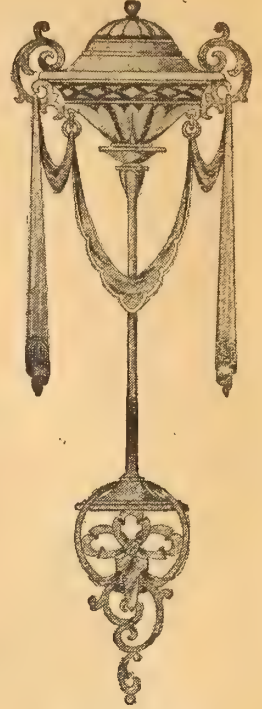
No. 5388.
Size 16 in. × 4 in. .25
No. 5387.
Size 23 in. × 4 in. .35



No. 5389. .20
Size 10 in. × 4 in.



No. 5133. .15
Size 8 in. × 2 in.



No. 1319. .20
Size 9 in. × 3 in.



No. 5396. Size 11½ in. × 4½ in. Price .25



No. 5195.
1½ in. × 1 in.
.03

SPECIAL SLIDE-OFF TRANSFERS

This delightful subject is dealt with differently from the others. It is dipped in water flat until the whole design is loose. Then just slide the transfer until a little piece projects beyond the paper backing. Put the projecting piece in place on the work and hold down. Gently slide the paper away from beneath, allowing the transfer to fall into place on the wood. Finally press down with a soft cloth or sponge and leave to dry.

No. 6355A. 10½ in. × 6½ in. .. Price .60
No. 6355C. 4½ in. × 1½ in.15

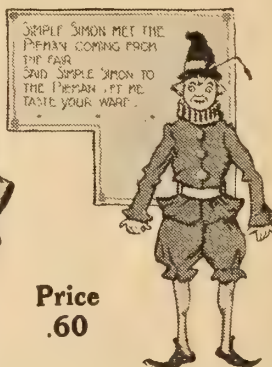
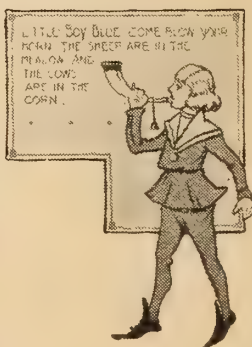


Hobbies Limited, 54 Wellington Street West, Toronto



NURSERY RHYME FIGURES

Twelve quaint colour Panels, 4 in. by 3 in.



Set
No. 19

Price
.60

Jack and Jill—Bo-Peep—Jack Horner—Old King Cole—Simple Simon—Boy Blue—Mother Hubbard—Miss Muffitt—Humpty Dumpty—Tom, the Piper's Son—Mary had a Little Lamb—The Old Woman who Lived in a Shoe.

QUAINT DUTCH FIGURES



Set of Seven—Up to 4 in. high.
Nos. 5087. Complete, Price .35

NURSERY RHYME PICTURES



Set of Eight.
About 4 in. high.

No. 6269
Price .40

POSTAGE
IS .03
EXTRA
TO ALL
THESE
SETS.



Set of Eight Pictures, depicting popular Nursery Rhymes:—Jack and Jill—Mary, Mary—Ba, Ba, Black Sheep—Mary had a Little Lamb, etc.

Hobbies Limited, 54 Wellington Street West, Toronto



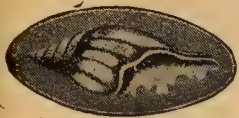
No. 5326. Size 8 in. \times 4 $\frac{1}{2}$ in. .20



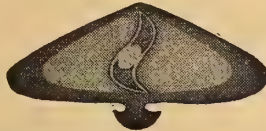
No. 1299.
2 in. \times 1 $\frac{1}{2}$ in.
Price .05



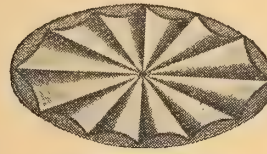
No. 1310. 3 $\frac{1}{8}$ in. \times 2 $\frac{3}{4}$ in. .15



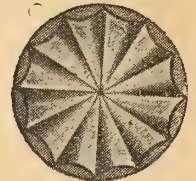
No. 5846.
3 in. \times 1 $\frac{1}{2}$ in. Price .10



No. 5187.
3 $\frac{1}{2}$ in. \times 1 $\frac{3}{4}$ in. Price .10



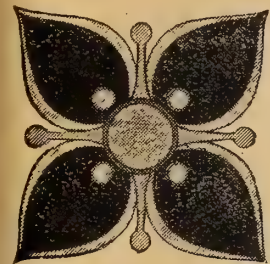
No. 5349.
1 in. \times $\frac{3}{4}$ in.03



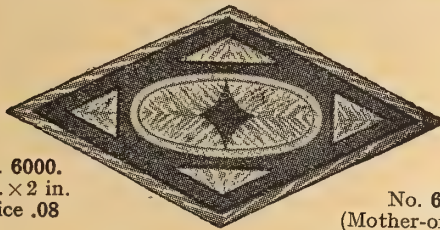
No. 5147.
2 in. diam., .05

No. 5350.
1 $\frac{1}{2}$ in. \times 1 in.05

Add .03 for return postage on all orders by post.



No. 6000.
4 in. \times 2 in.
Price .03



No. 6004.
(Mother-of-Pearl)
4 in. \times 2 in.
Price .10

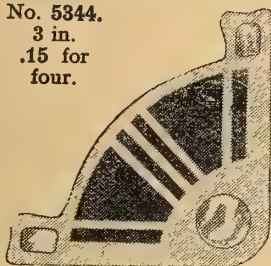


No. 5136. 4 in. \times 1 $\frac{3}{4}$ in. .05
No. 5137. 2 in. \times $\frac{7}{8}$ in. .08
No. 5053. 4 $\frac{1}{8}$ in. \times 2 in. .10

No. 5182. 3 in. square, .05

TRAY CORNERS

No. 5402.
4 in. .15
for four.
No. 5403.
3 in. .15
for four.
No. 5404.
2 in. .10
for four.



No. 5344.
3 in.
.15 for
four.



No. 5062. Size 7 $\frac{1}{2}$ in. \times 1 $\frac{3}{4}$ in. Price .10



No. 5120.

18 $\frac{1}{2}$ in. \times 3 $\frac{3}{4}$ in.
Price .20

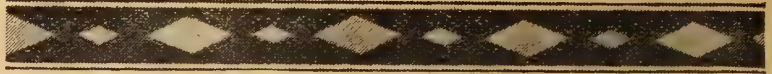


These excellent Banding Strips make splendid decorations for fretwork panels, cabinets, box lids, doors, etc. Strips are 23 ins. long and are illustrated here full width. They are supplied in natural colors and add a touch of beauty and decoration to any work.

No. 5230.
Black and Box.
Price, 3 for .20



No. 5231.
Black and Box.
Price, 3 for .20



No. 5232.
Black and Box.
Price, 3 for .20



No. 5234.
Black & Box, 3 for .15



No. 5235.
Black & Box, 3 for .15



No. 5238.
Box only, 3 for .10



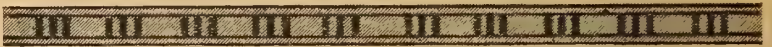
No. 5239.
Mother-of-Pearl and
Rosewood.
Price, 2 for .20



No. 5240.
Box only, 3 for .10



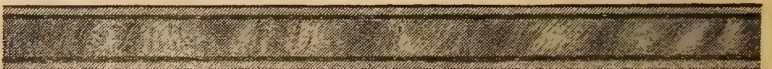
No. 5241.
Black & Box, 3 for .15



No. 5242.
Black and Box.
Price, 3 for .15



No. 5243.
Satinwood.
Price, 3 for .20



Always give the Reference No. when ordering. Postage .03 extra.

Hobbies Limited, 54 Wellington Street West, Toronto



Doll's House

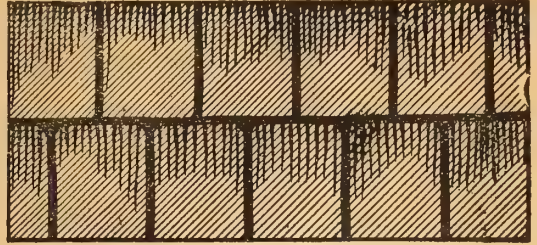
Papers

A range of Papers of particular appeal to the Doll's House maker. Each is supplied in sheets measuring 22 ins. x 30 ins., beautifully printed on good paper.

Price .10 per sheet, post .02; \$1.00 per dozen, post .06 (Except "Rough Cast" Paper).



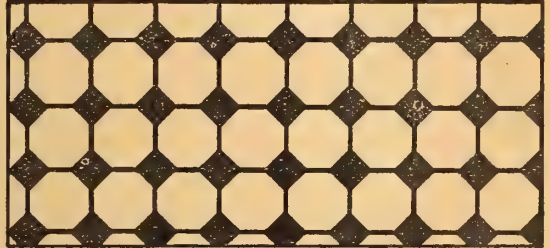
No. 140 RED BRICK PAPER



No. 145 SLATE ROOF PAPER



No. 154 RED TILE PAPER



No. 146 BLUE AND WHITE TILE

"ROUGH CAST" PAPER

No. 155 Gives an excellent stucco or "rough-cast" effect. In sheets 22 ins. by 30 ins. Price .15 per sheet, postage .02; \$1.50 per dozen, postage .06

INSIDE PAPERS.

We have an interesting range of papers suitable for inside the doll's house. Write for free patterns.

Linen Cloth, Leatherette and Veneer Papers



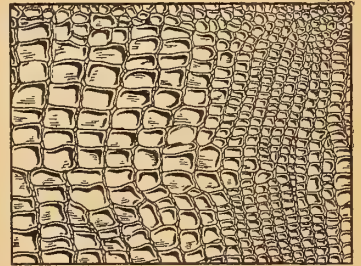
LINEN CLOTH

Use this for putting behind open frets or lining small boxes. In three colors—Red, Blue and Green \$1.00 square yard. Or in smaller pieces, 36 ins. by 18 ins. .50; and 18 ins. by 18 ins. .25

Postage—Linen Cloth, .03; Leatherette and Veneer Papers, 1 sheet, .02; 12 sheets, .06



VENEER PAPER.—Realistically grained as wood. In Grey, Walnut, Green, and Red. Sheets, 22 ins. by 30 ins., .15 per sheet; \$1.50 per doz.



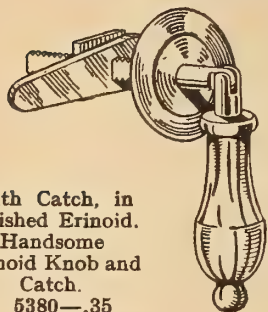
LEATHERETTE PAPER

A striking resemblance to leather. Sheets 22 ins. by 30 ins. No. 18. Sage Green. No. 119. Chestnut Brown. No. 120. Brown. No. 121. Rich Sepia. .15 per sheet; \$1.50 per dozen.

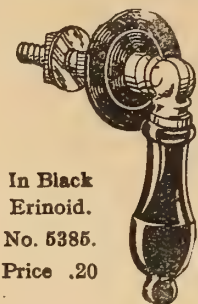
HANDLES, KNOBS



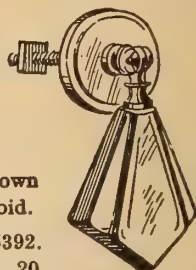
AND CATCHES



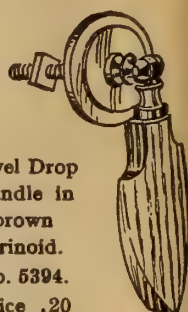
With Catch, in
Polished Erinoid.
Handsome
Erinoid Knob and
Catch.
No. 5380—.35



In Black
Erinoid.
No. 5385.
Price .20



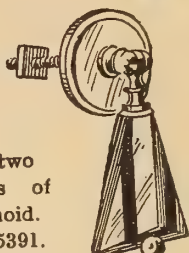
In Brown
Erinoid.
No. 5392.
Price .20



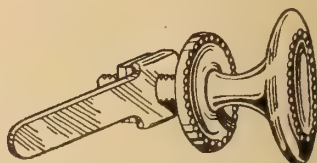
Jewel Drop
Handle in
brown
Erinoid.
No. 5394.
Price .20



Jewel
Drop Handle
in Erinoid.
No. 5393.
Price .20



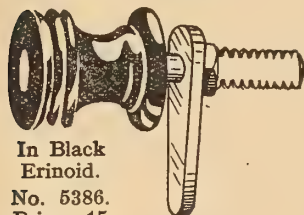
In two
colors of
Erinoid.
No. 5391.
Price .20



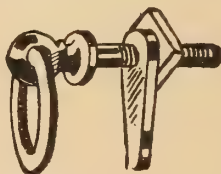
Oxidised Metal.
No. 5383—Price .15



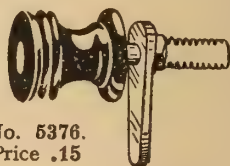
No. 5382.
With Catch.
Brass, .35
No. 5382a.
With Catch.
Copper Oxidised.
.40



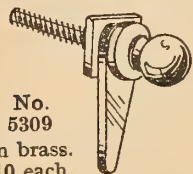
In Black
Erinoid.
No. 5386.
Price .15



In Brass. No. 5341
Price .15



No. 5376.
Price .15



No.
5309
In brass.
.10 each.



In Black
Erinoid
No. 5378
Price .15



No.
5483.
In Brass:
.15 each.



Brass
Knobs.
1/2 in. No. 5375
Price .08



No. 5340.
With Keyhole.
Brass, .30
Copper Oxidised,
.35
Silver Oxidised, .40



Brown Erinoid Knobs.



7/8 in. No. 5390: 1/4 in. No. 5388.
Price .07 Price .08
1 in. No. 5389. 1 in. No. 5387.
Price .10 Price .10



Medicine
Cabinet
Knob.
No. 5381.
.05 each.



Brass Knobs.
1/2 in. No. 5373
Price .05
3/4 in. No. 5374
Price .08



Oxidised
Shutter
Knob.
No. 5384.
Price .10

Postage on all these fittings .22 extra

LOCKS AND



BOLTS



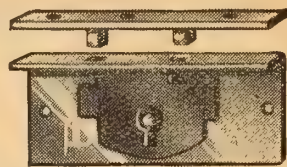
No. 14.
Box Lock.
1½ ins. × ¾ in. .20



No. 12.
Box Lock.
1½ ins. × ¾ in. .25

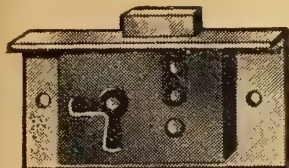


No. 2.
Box Lock.
2 ins. × ¾ in. \$1.00

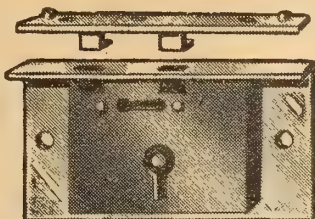


No. 9.
Box Lock.
2 ins. × ¾ in. .65

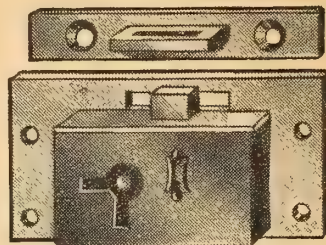
All Locks are BRITISH except Nos. 7,
12, and 14.



No. 18.
Cupboard Lock.
2 ins. × 1 in. .20

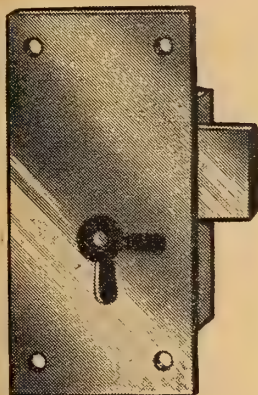


No. 16.
Box Lock.
2½ ins. × 1½ ins. .40

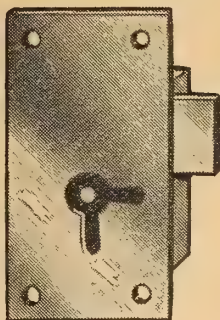


No. 15.
Bureau Lock.
2½ ins. × 1½ ins. \$1.20

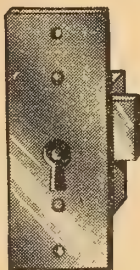
Postage is .03 extra on all Locks and Bolts.



No. 19.
Iron Lock.
3 ins. × 1½ ins. .20



No. 17.
Iron Lock.
2½ ins. × 1½ ins. .20



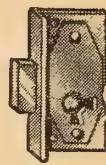
No. 8.
Iron Lock.
2 ins. × ¾ in. .50



No. 8.
Iron Lock.
2 ins. × ¾ in. .30



No. 10.
Iron Lock.
1½ ins. × ¾ in. .40



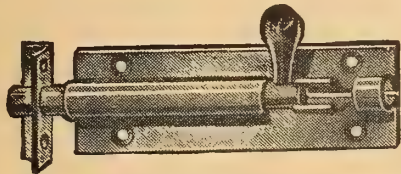
No. 7.
Iron Lock.
1 in. × ¾ in. .30

All Illustrations are two-thirds actual size.

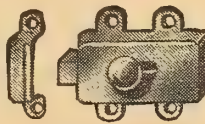
BRASS PADLOCK



Small Brass Padlock
beautifully made and
finished.
No. 20, Price .40
Suitable Catch and Hasp
(No. 5478), .15.



No. 2. Bolt in Polished Brass. Size 2½ ins. × ¼ in.
Suitable for either left or right hand. Price .20



No. 5396. Door Catch.
Spring operated. Copper
Bronze Finish. Price .10



No. 6. Bolt.
Nickel-plated.
Size 1½ ins. × ¼ in.
Price .10



No. 4. Bolt in
Brass. Size 2 in.
× ¾ in. Price .10



No. 5. Bolt in Polished Brass. Size 1½ ins. × 1 in.
Suitable for either left or right hand. Price .20

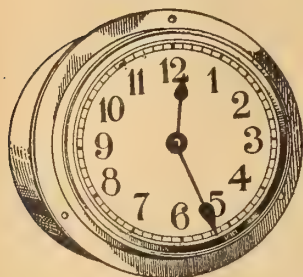
No. 2. Bolt.
Size 1½ ins. × ¼ in.
Price .10



Hobbies Limited, 54 Wellington Street West, Toronto



RELIABLE CLOCK & BAROMETER MOVEMENTS



ROUND FACE

With 2½ in. barrel.

No. 5506. 30-hour. \$1.55

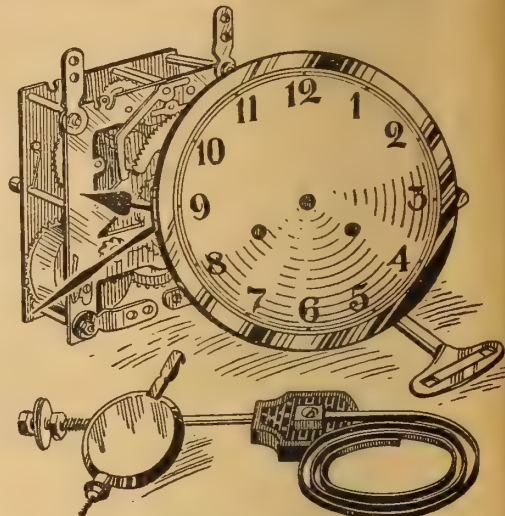
No. 5511. 8-day. 6.50

With 3 in. barrel.

No. 5503. 30-hour 3.50

No. 5504. 8-day 6.50

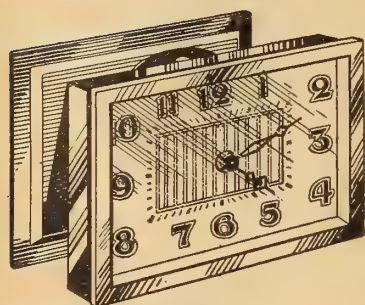
Postage .10 extra.



SQUARE FACE.

No. 5513. The NEW Square-face Clock so popular to-day. 30-hour movement. Price

\$2.50 Postage .08



These Clocks are of foreign manufacture.

No. 5512. A British-made 8-day strike on gong pendulum movement. It has a 6 in. dial and convex glass. This is the movement used for our Grandmother Clock No. 1945. It costs only \$7.50 Postage .20

WHEELS FOR THE HANDYMAN

WOODEN WHEELS

Shapely wheels for toy trucks, sand carts, small barrows, etc. The large ones are suitable for scooters, kiddies' tricycles, etc. All are well made and beautifully finished in strong hardwood. The centre is sunk and painted a bright red. At the low prices quoted the keen handyman can make all kinds of wheel toys for sale at a good profit. We also supply 4 suitable screws and 8 washers. Price .10 Postage .02

Postage extra to all prices



PLAIN No. 604.

TIRED No. 605

1½ in. .10 for 4	2½ in. .25 for 4	2½ in. .30 for 4
2 in. .15 for 4	3½ in. .30 for 4	4 in. .65 for 4
2½ in. .20 for 4	4 in. .40 for 4	9 in. .85 for 4
	5 in. .50 for 4	

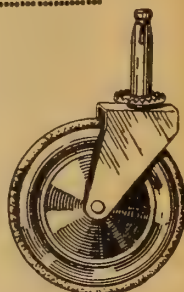
WAGON CASTERS

Well-made, sweet running Casters, fitted with rubber tyres complete, ready for fixing in dinner wagons, etc.

No. 6184. 2 in. dia., \$1.00 set of 4

No. 6185. 3 in. dia., \$1.50 set of 4

Postage .10



RUBBER TIRES

Just like the real thing. To fit 2½ in diameter wheels.

Price .15 each.

Postage .02



TOY WHEELS

ALUMINUM BRASS BUSHED
1 in. .05 each.
.50 per doz.
1½ in. .08 each.
.85 per doz.

TIN NOT BUSHED
1 in. .03 each
.30 per doz.
1½ in. .05 each.
.50 per doz.

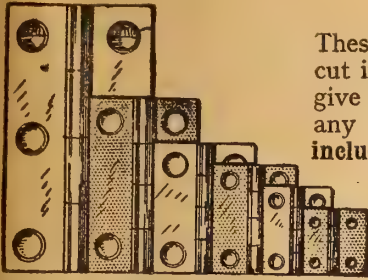


Hobbies Limited, 54 Wellington Street West, Toronto



BRASS HINGES

These Hinges are most suitable for Boxes, Screens, Photo Frames, etc., cut in Fretwood. They are thin, but strong, and can be relied upon to give lasting service. A supply of them always at hand is a necessity to any fretworker as well as to the amateur carpenter. Screws are not included.—see page 82.



2½ in.
.15

1½ in.
.08

PRICE PER PAIR.

1½ in.
.07

1 in.
.05

¾ in.
.05

½ in.
.05

⅜ in.
.05

Postage .02 extra.

STOUT BRASS HINGES OF SUPERIOR QUALITY.

¾ in. .10
1 in. .10

1½ in. .15
2 in. .15

2 in. .20
2½ in. .20

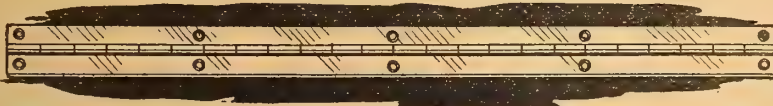
Postage .02 extra.

LONG CABINET HINGES

6 in. by ¾ in.

Brass Hinge .10
Nickel-plated .15
Bronzed .15

Postage .04



12 in. by ¾ in.

Brass Hinge .20
Nickel-plated .25
Bronzed, .25

Postage .06

ORNAMENTAL HINGE



In fancy brass.

No. 5308.

¾ in., .07 per pair.

1 in., .10 per pair.

Postage .01

ORNAMENTAL BRASS HINGE



No. 5379. .10 per pair.
Postage .01

PHOTO HINGE

No. 5320.
.15 per dozen.
Postage .02



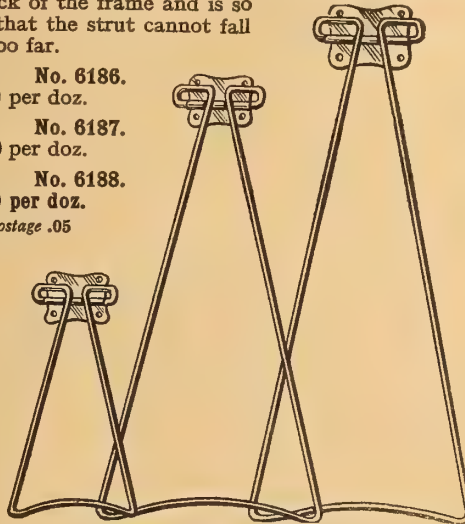
A STRUT FOR PHOTO FRAMES

These frame supports are made to our design and simplify the fixing of struts. The hinge is nailed to the back of the frame and is so made that the strut cannot fall open too far.

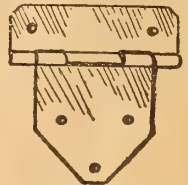
3½ in. No. 6186.
.20 per doz.

6 in. No. 6187.
.30 per doz.

7½ in. No. 6188.
.40 per doz.
Postage .05



STRUT HINGE



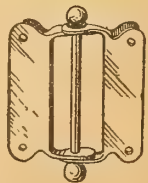
No. 5369.
.04 Postage .01

PHOTO STRUT HINGE

No. 5364.
.04 Postage .01

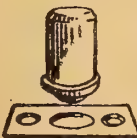


SCREEN HINGE



No. 5217.
.15 pair
Postage .02

BALL CATCHES



No. 5479.
¾ in. .05
No. 5480.
½ in. .08
No. 5482.
¾ in. .15
Postage .02 extra

PHOTO CLIPS

For holding the picture and glass in position on photo frames.



No. 5321. .05 per doz.
Postage .01

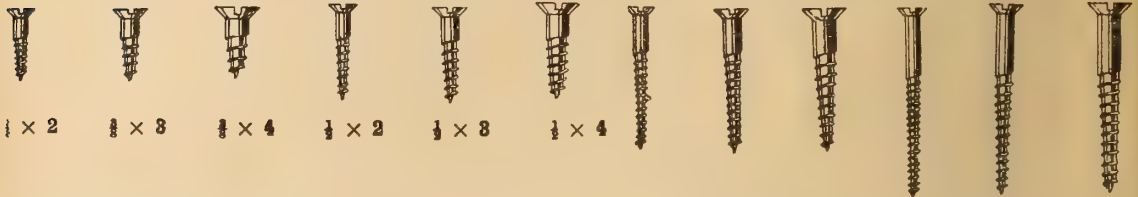
Screws or nails for fixing these fittings are NOT included. See page 82

Hobbies Limited, 54 Wellington Street West, Toronto



BRASS AND IRON SCREWS FOR GENERAL USE

Reliable flat-headed screws of good quality. Illustrations are actual size.
State size, quantity, and whether brass or iron wanted.



Postage .01 extra Per Dozen; .02 Per Gross.

PRICES

	BRASS.		IRON.	
	Per Doz.	Per Gross.	Per Doz.	Per Gross.
$\frac{1}{8}$ in. \times 2	.. .07	.75	.05	.50
$\frac{1}{8}$ in. \times 3	.. .07	.75	.05	.50
$\frac{1}{8}$ in. \times 4	.. .08	.85	.05	.50
$\frac{1}{4}$ in. \times 2	.. .08	.85	.05	.50
$\frac{1}{4}$ in. \times 3	.. .10	\$1.10	.07	.75

FRETWORK SCREWS

Specially suitable for fretwork. With Round or Flat Heads. These Screws are strong although so small, and have well slotted heads. A stock is always useful.



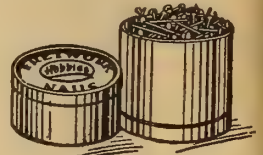
THE ABOVE ILLUSTRATION IS ACTUAL SIZE
IRON. .05 PER DOZ.
BRASS. .07 PER DOZ.
.50 PER GROSS. .75 PER GROSS.
Postage .02 extra.

BRASS AND IRON NAILS

Strong, thin nails specially suitable for fretwork and light carpentry. A useful quantity in a cardboard container.

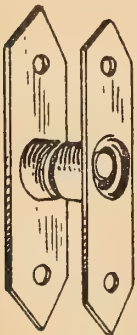


THE ABOVE ILLUSTRATION IS ACTUAL SIZE



.20 per Box.
In any size mentioned.
Postage .03 extra.

BRASS SWIVEL



No. 6133. Price .20
Per Pair. Post .02

BRASS BOX CATCH



No. 5476.
.05 Post .01



BRACKET EYES

No. 120. .10 per doz.
No. 121. .15 per doz.
Postage .02

SCREW EYES



No. 3. .20
No. 2. .15
No. 1. .10
Per doz. Per doz. Per doz.

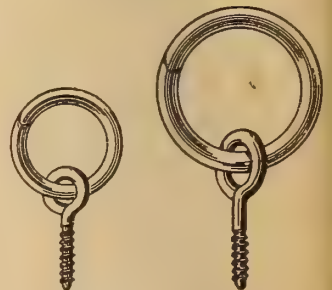
Postage .02 doz. extra

SALT OR MUSTARD SPOON



In white composition, .05; Post .01

PICTURE RINGS



No. 4. No. 5.
No. 3. .15 doz.
No. 4. .20 doz.
No. 5. .30 doz.
Postage .02

WATCH HOOK

No. 122.
2 for .05; Post .01



DRESSER HOOKS

Price
.03 each.
Post .01



CUP HOOKS

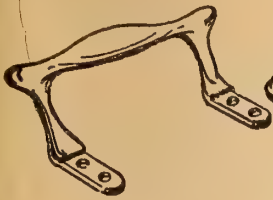
Price .03 each.
Post .01



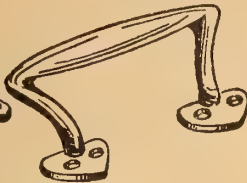
Hobbies Limited, 54 Wellington Street West, Toronto



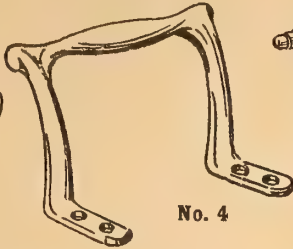
TRAY HANDLES



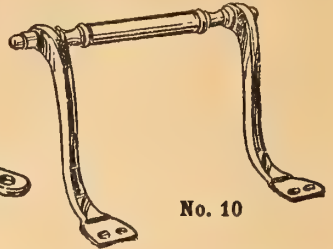
No. 3



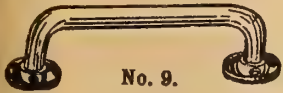
No. 8



No. 4



No. 10



No. 9

No. 3. Brass50 per pair.
No. 8. Copper Bronzed25 per pair.
No. 10. Black and Flame, or75 per pair.
 White and Flame

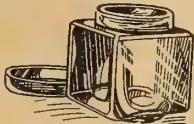
No. 4. Brass50 per pair.
No. 9. Black, Blonde, or50 per pair.
 Wine Shade

Postage .08 per pair extra. Suitable Screws for these Handles are shown on page 82.

GLASS INKWELL

Size 1½ ins. square.

No. 5661.
Price .25
each, postage .10



BRASS
CANDLE
SOCKET.

and Drip Plate.
No. 6101. Price .30; Postage .03

VASES FOR FRETWORK

Handsome and graceful Vases specially made for Hobbies Designs. They are made in a charming shade of green, and nicely finished off. Please give reference number when ordering.

No. 6003 .. 5 ins.25
No. 6006 .. 8½ ins. .. .40
No. 6007 .. 5 ins. .. .40
No. 6016 .. 4 ins. .. .25

Postage is .08 extra on all except 6007, which is .10



6007/6016



6003



6006



THERMOMETERS

No. 5003.
3¼ in. long.
Price .40

No. 5006.
4 in. long.
Price .50
Postage .03

TRUMP INDICATORS



Celluloid, 1½ in. square.
No. 5240. Price .20
Metal. 5238. .15 the set.
Postage .02 extra.



TRACING PAPER

In Sheets, 20 ins. × 15 ins.
Strong and transparent paper
useful for tracing off designs. It
is always necessary when a
duplicate is required.
.10 per Sheet. Post .01

CARBON PAPER

In Sheets, 22½ ins. × 17½ ins.
Duplicating paper for transferring
designs and patterns direct
on to the wood—thus preserving
the original design.
.15 per Sheet. Post .02

BOX CATCHES.



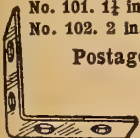
No. 5475. ¾ in. long.

Price .05

No. 5474. 1½ in.
long. Price .08
Postage .01

ANGLE PLATES (BRASS)

No. 101. 1½ in. 4 for .15
No. 102. 2 in. 4 for .20
Postage .03



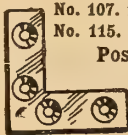
BRASS BUTTONS

No. 5372.
Price .05
Postage .02



MENDING PLATES (BRASS)

No. 107. 1½ in. 4 for .15
No. 115. 2 in. 4 for .20
Postage .03



HANGERS (BRASS)

No. 6176.
Price .05 each.
Postage .01



WALL HANGERS (BRASS)

No. 6134.

Price .04
pair Postage .01





METAL ORNAMENTS AND HANDLES

Illustrations are one-half actual size.



No. 5102.
Corner.
.03 each



No. 5101.
Corner.
.03 each.



No. 5105.
Corner.
.15 for 4



No. 5119.
Corner.
.20 for 4.



No. 5115.
Corner.
.04 each.



No. 5109. Corner. .10 each.



No. 5107.
Corner.
.15 for 4.



No. 5106.
Corner.
.15 for 4.



No. 5337.
"Bells."
.03 each.

*Postage is .01 extra
on all these ornaments*

*Fine nails for fixing these Ornaments.
are NOT included. See page 82*



No. 5408.
.20 doz.



No. 5236.
.20 doz.



No. 5239.
.30 doz.



No. 5235.
.25 doz.



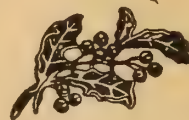
No. 5315.
.30 doz.



No. 5224. Scroll.
Price, .10



No. 5225. Scroll.
Price, .10



No. 5451. Holly Sprays.
Price, .04



No. 5404. .07 each.
No. 5409. .05 each.
No. 5410. .10 each



No. 5241.
Brass Hinge Plate.
.07 each.



No. 5413.
.03 each.



No. 5301.
Handle. .10 each.



No. 5377. Brass Handle.
.10 each.



No. 5407. Handle.
Price, .25 Post .02



No. 5328. Ornamental Handle.
Price, .25 Post .02



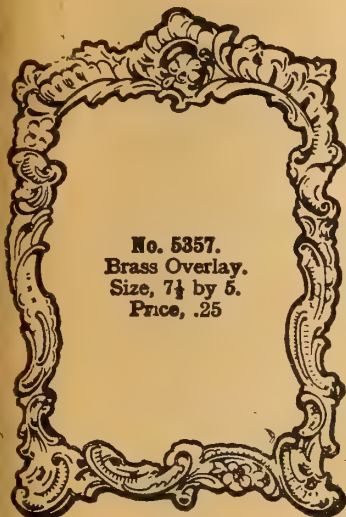
No. 5365. Drawer Handle in
oxidized finish. Price, .40 Post .03

Hobbies Limited, 54 Wellington Street West, Toronto



EMBOSSSED METAL OVERLAYS

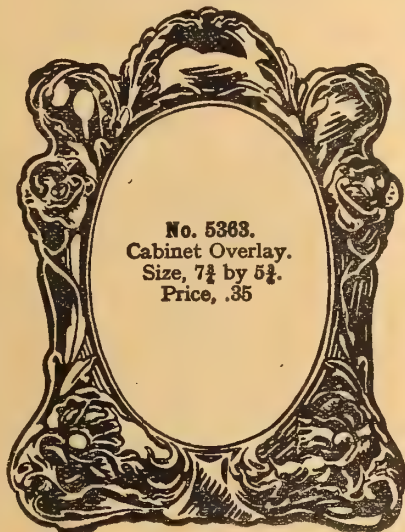
These fittings are nicely finished in embossed metal and are used in conjunction with our fretwork designs. They can also well be used to ornament carving or ordinary woodwork. Illustrations are approximately one-third actual size.



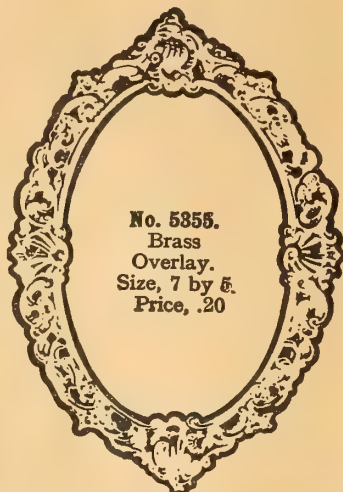
No. 5357.
Brass Overlay.
Size, 7½ by 5.
Price, .25

This Overlay is also obtainable in a smaller size :

No. 5354. Size, 5 in. by 3 in.
Price, .20



No. 5383.
Cabinet Overlay.
Size, 7½ by 5½.
Price, .35



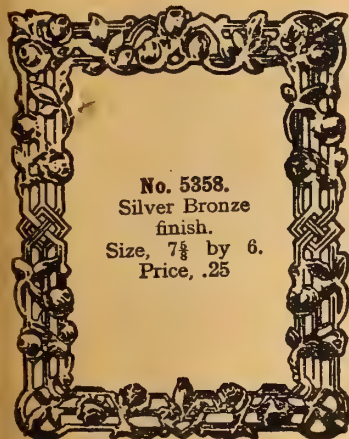
No. 5355.
Brass
Overlay.
Size, 7 by 5.
Price, .20

This Overlay is also obtainable in two smaller sizes :

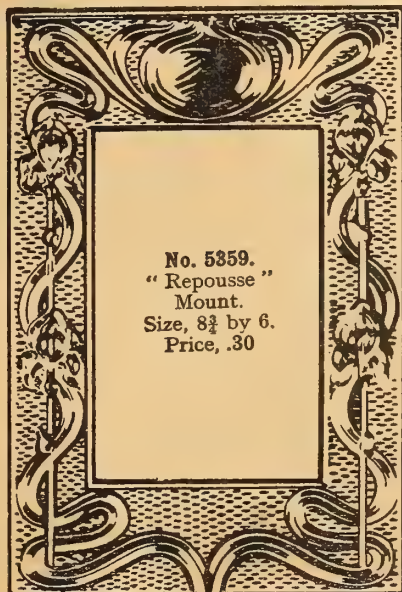
No. 5352. Size, 4½ ins. by 3 ins.
Price, .15

No. 5351. Size, 2½ ins. by 2½ ins.
Price, .10

Turn to pages 116 to 118 for illustrations of the Overlays in actual use on designs.

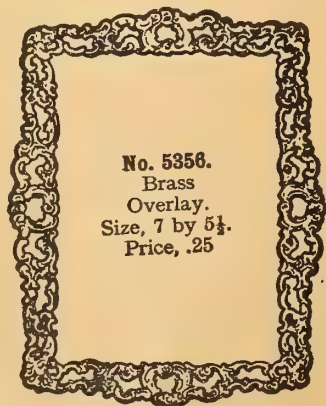


No. 5358.
Silver Bronze
finish.
Size, 7½ by 6.
Price, .25



No. 5359.
"Repousse"
Mount.
Size, 8½ by 6.
Price, .30

The Overlays are easily fixed in position with fretnails. See page 82 for details and prices.



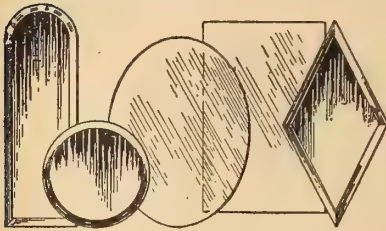
No. 5356.
Brass
Overlay.
Size, 7 by 5½.
Price, .25

This Overlay has the "antique" finish so popular to-day. It is suitable for a cabinet size frame.

When ordering by post be sure to state number of Overlay required. Postage is .04 extra on each.



Photo Frame Glass, Doll's House Windows, etc. Square, Oblong, Round, and Oval Mirrors



The mirrors and glasses given below are cut to sizes to fit our designs and are of excellent quality. The size is given against each, but in ordering the number should also always be quoted. Unless otherwise stated Mirrors have bevelled edges. Postage is extra as given, but where two of the same kind are ordered no extra postage need be sent.

MIRRORS

No.	Shape.	Size.	Price.	Postage
5701	Oval	1½ in. × 1 in.	.15	.02
5702	Hexagonal ..	1½ in. × 1 in.	.15	.02
5703	Finger (round ends)	3¼ in. × ¾ in.	.20	.02
5704	Round	2 in. diam.	.15	.02
5705	Diamond	2½ in. × 1½ in.	.15	.02
5706	Hexagonal ..	2 in. × 1½ in.	.15	.02
5707	Square	2 in. × 2 in.	.15	.02
5709	Triangular ..	3 in. side	.20	.04
5710	Oval	2½ in. × 1½ in.	.20	.04
5711	Round	2½ in. diam.	.20	.04
5712	Round	3 in. diam.	.25	.04
5713	Triangular (long)	4½ in. × 2½ in.	.25	.04
5714	Dome (round end)	3½ in. × 2 in.	.25	.04
5715	Fan	2½ in. × 3½ in.	.25	.04
5716	Square	2½ in. × 2½ in.	.25	.04
5717	Half-round ..	3½ in. × 1½ in.	.25	.04
5718	Oblong	4 in. × 2½ in.	.25	.04
5719	Oval	3½ in. × 2½ in.	.25	.04
5720	Hexagonal ..	4½ in. × 2 in.	.30	.04
5721	Hexagonal ..	5 in. × 2½ in.	.30	.04
5722	Kite	5½ in. × 2½ in.	.30	.04
5722a	Diamond	6 in. × 3 in.	.30	.04
5723	Hexagonal ..	7 in. × 2 in.	.30	.06
5724	Dome (1 round end)	6½ in. × 2 in.	.30	.06
5725	Oblong	4½ in. × 4½ in.	.50	.06
5726	Convex Round ..	5 in. diam.	.55	.08
5727	Oblong with corners cut	6½ in. × 3½ in.	.75	.10
5728	Oblong	9½ in. × 3 in.	.65	.10
5729	Diamond	7½ in. × 6 in.	.75	.10
5730	Oval	5½ in. × 4½ in.	.65	.10
5731	Oblong (round corners)	6½ in. × 4½ in.	.80	.10
5732	Oblong	10½ in. × 8 in.	1.75	.20
5738	Round (with plain edge)	5 in. diam.	.30	.08
5739	Round (plain edge)	4½ in. diam.	.25	.08
5740	Round	3½ in. diam.	.25	.04
5741	Oval	10 in. × 7 in.	2.00	.20
5742	Oblong	8½ in. × 5½ in.	1.25	.20
5743	Convex (round)	6½ in. diam.	.75	.20
5744	Convex (oval)	4½ in. × 2½ in.	.50	.06
5745	Oblong (plain edges)	14½ in. × 11½ in.	3.50	.60
5746	Oval	7½ in. × 5½ in.	1.35	.20
5747	Oblong	15 in. × 10 in.	3.50	.60
5748	Oval	14½ in. × 10½ in.	4.25	.60
5749	Large Dome ..	15 in. × 5½ in.	3.00	.30
5750	Circular	½ in. diam.	.05	.02
5751	Oblong	1½ in. × 1 in.	.05	.02
5752	Oval	5½ in. × 3½ in.	.45	.06
5753	Oblong	5½ in. × 3½ in.	.40	.06

GLASSES

No.	Size.	Price.	Postage.
5801	4½ in. × 2½ in.	.. .05	.04
5802	5½ in. × 3½ in.	.. .10	.06
5803	5½ in. × 4 in.	.. .10	.06
5804	6½ in. × 4½ in.	.. .10	.08
5805	5½ in. × 5 in.	.. .10	.08
5806	3½ in. Round	.. .10	.04
5807	6½ in. × 5 ⅞ in.	.. .15	.08
5808	6½ in. × 1½ in.	.. .10	.04
5809	19 ⅞ in. × 7 ⅞ in.	.. 1.00 pair	.30
5810	4½ in. × 3 in.	.. .05	.04
5811	9½ in. × 4 in.	.. .10	.10
5813	5 in. Round	.. .15	.08
5814	2½ in. Round	.. .10	.02
5815	1½ in. × 1½ in.	.. .10 for 4	.02
5816	2½ in. × 1½ in.	.. .10 for 3	.02
5817	Per Set ..	.. .10	.02
5818	16 ⅞ in. × 7 ⅞ in.	.. .50	.30
5819	Per Set ..	.. .40	.08
5820	16 ⅞ in. × 10 ⅞ in.	.. .60	.35
5821	Per Set ..	.. .20	.02
5822	3½ in. × 1½ in.	.. .10 (2 for .15)	.02
5823	1½ in. × 1 in.	.. .10 for 4	.02
5824	1 in. × ¾ in.	.. .10 for 4	.02
5825	2½ in. × 2½ in.	.. .05	.02
5826	Per Set ..	.. .40	.08
5827	14½ in. × 8½ in.	.. .50	.20
5828	2½ in. × 1½ in.	.. .05	.02
5829	2½ in. × 1½ in.	.. .04	.02
5830	19 in. × 10½ in.	.. .70	.30
5831	1 ⅞ in. × 1½ in.	.. .05	.02
5832	2 in. Round	.. .05	.02
5833	12½ in. × 7 in.	.. .60 pair	.30
5834	13½ in. × 9 in.	.. .30	.30
5835	9½ in. × 8 in.	.. .25	.20
5836	2 in. × 1½ in.	.. .05	.02
5837	4½ in. × 3½ in.	.. .10	.04
5838	4 in. × 2½ in.	.. .10	.04
5839	4½ in. Round	.. .10	.08
5840	4½ in. × 3½ in. Oval	.. .10	.04



BIG-VALUE DESIGN BOOKS

THE illustrations on this and the following page portray some of the delightful subjects which anyone with a few fretwork tools can make up at very little cost. At .30 a book the value is far above the price.



BOOK "A"

Look at this amazing array of designs for .30, and remember our illustration does not show them all.

<i>Irish Photo Frame</i>	<i>Photo Frame</i>
<i>Trinket Box</i>	<i>Motto</i>
<i>Pipe Rack</i>	<i>Pipe Rack</i>
<i>Spill Holder</i>	<i>Photo Frame</i>
<i>Photo Frame</i>	<i>Mirror Bracket</i>
<i>Simple Bracket</i>	<i>Bracket</i>
<i>Photo Frame</i>	<i>Photo Frame</i>
<i>Teapot Stand</i>	<i>Motto</i>
<i>Photo Frame</i>	<i>Mirror Frame</i>
<i>Mirror Frame</i>	<i>Pin Tray</i>

20 DESIGNS

Price .30

Postage .02

These Books are sold only as a complete set; designs cannot be obtained separately. Prices and Particulars of Mirrors, Glasses, etc., given on application.

BOOK "B"

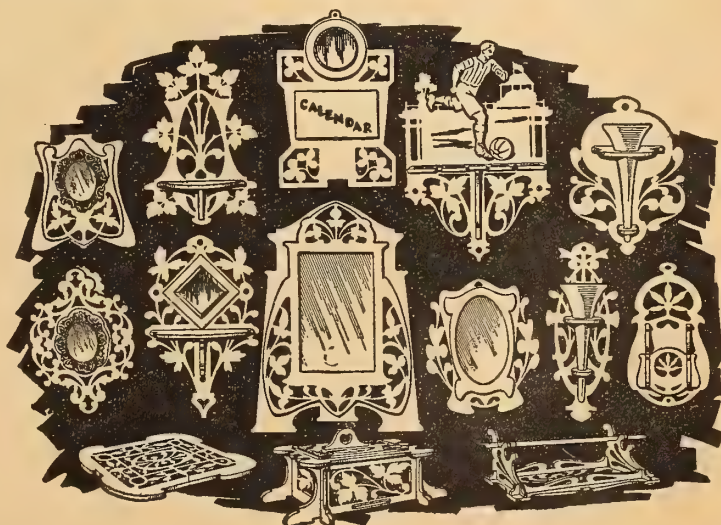
Value made possible only by tremendous demand. For beginner and expert alike, this book is of more than usual interest.

<i>Pipe Rack</i>	<i>Mirror Bracket</i>
<i>Photo Frame</i>	<i>Photo Frame</i>
<i>Corner Bracket</i>	<i>Pen Rack</i>
<i>Trinket Box</i>	<i>Simple Bracket</i>
<i>Vase Bracket</i>	<i>Photo Frame</i>
<i>Photo Frame</i>	<i>Table Mat</i>
<i>Hand Mirror</i>	<i>Bracket</i>
<i>Photo Frame</i>	<i>Calendar</i>
<i>Vase Bracket</i>	<i>Pen Rack</i>
<i>Photo Frame</i>	<i>Matchbox Holder</i>

20 DESIGNS

Price .30

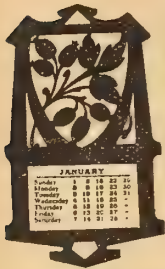
Postage .02





A NEW DESIGN BOOK BOOK "C"

A new book just published which will win instant appeal. The design subjects are generally larger than those on the previous page. Whether you do Fretwork for a hobby or for sale at a profit, you cannot afford to pass up this bargain. Only seven of the fourteen designs are illustrated.



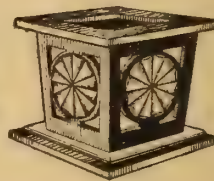
*Photo Frame
Photo Frame
Bracket
Bracket
Match Holder*

*Calendar Mount
Bracket
Pen Rack
Plant Holder*

*Vase Holder
Teapot Stand
Pipe Rack
Two Brackets
Photo Frame*



14 DESIGNS Price .30 Postage .02



These Books are sold only as a complete set; designs cannot be obtained separately. Prices and Particulars of Mirrors, Glasses, etc., given on application.

ANOTHER NEW DESIGN BOOK BOOK "D"

A worthy addition to the range of "big-value" design books. The subjects are useful, everyday articles, which can be made up quickly and at little cost.



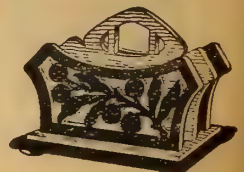
*Watch Stand
Letter Rack
Jardiniere
Mirror Frame
Match Holder*

*Vase Holder
Photo Frame
Mirror Bracket
Money Box*

*Photo Frame
Flower Pot Holder
Flower Bracket
Mirror Bracket
Overlay Bracket*



14 DESIGNS Price .30 Postage .02





DESIGNS FOR THE BEGINNER

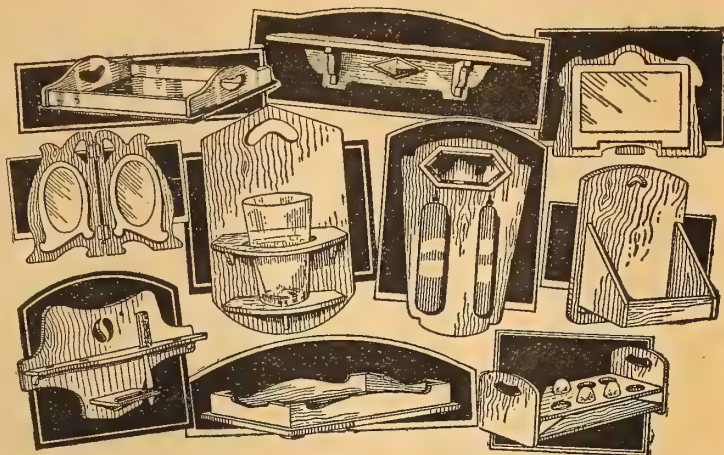
SIMPLE SERIES 2

Complete patterns and cutting instructions for making ten everyday articles. They are so planned that the beginner can readily undertake them, and can make them up quite cheaply from the odd pieces of any fretwood. The subjects are of simple but pleasing outline and eminently suitable for boys just starting fretwork.

<i>Tooth Brush Rack</i>	<i>Folding Photo Frame</i>
<i>Clothes Brush Rack</i>	<i>Egg Rack</i>
<i>Trinket Tray</i>	<i>Post Card Photo</i>
<i>Bedroom Tumbler</i>	<i>Frame</i>
<i>Bracket</i>	<i>Light Tray</i>
<i>Soap Box</i>	<i>Shelf for China</i>

10 DESIGNS .20

Postage .02



These Designs are sold only as a complete set in a strong envelope; individual designs cannot be obtained. Prices and particulars of Mirrors, Glasses, etc., given on application.



SERIES 3

A particularly popular set of boys' designs. Full details and cutting instructions are given on each sheet and the subjects are useful and ornamental. Just the set for beginners. Can be cut from odd pieces of fretwood and all fittings are obtainable at low cost.

Watch Stand
Photo Frame
Spill Holder
Vase Bracket

Match Box Holder
Hand Mirror
Trinket Box
Pipe Rack

8 DESIGNS .20

Postage .02



SIMPLE TOYS

SERIES 1

The toys are simple to cut and construct, and can be made from odd pieces of wood which might be otherwise wasted. Quite a bargain set of designs for the beginner as well as for the worker who makes a profit out of selling toys.

TOY CRANE
HORSE & CART
WINDMILL
MANGLE
DRESSER
CHAIR
MOTOR CAR
NOAH'S ARK
ANIMALS

8 DESIGNS .20

Postage .02



These Designs are sold only as a complete set in a strong envelope; individual designs are not obtainable.

SIMPLE TOYS

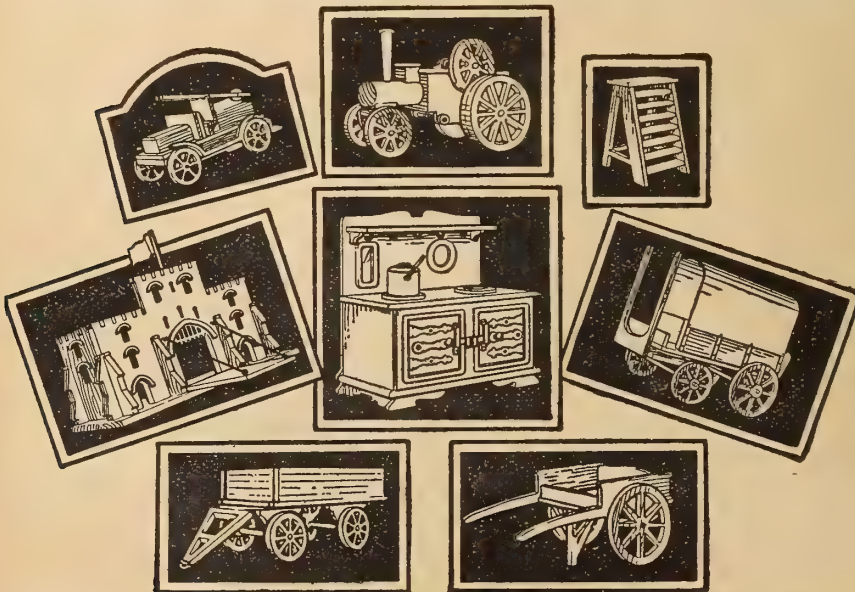
SERIES 2

These designs are clearly printed with full size patterns ready to paste down. A bargain packet suitable for the beginner.

TRACTION ENGINE
TRAILER WAGON
DELIVERY VAN
FIRE ENGINE
FORT & DRAWBRIDGE
PAIR OF STEPS
KITCHEN RANGE
HAND CART

8 DESIGNS .20

Postage .02





A SET OF
**ANIMALS
AND BIRDS**

*Antelope, Bear, Bison, Camel,
Deer, Elephant, Elk, Fox, Giraffe,
Hyæna, Ibex, Kangaroo, Jackal,
Jaguar, Lion, Monkey, Ostrich,
Pelican, Puma, Quagga, Rhinoceros,
Sheep, Tiger, Vulture, Wolf, Weasel,
Zebra, Zebu.*



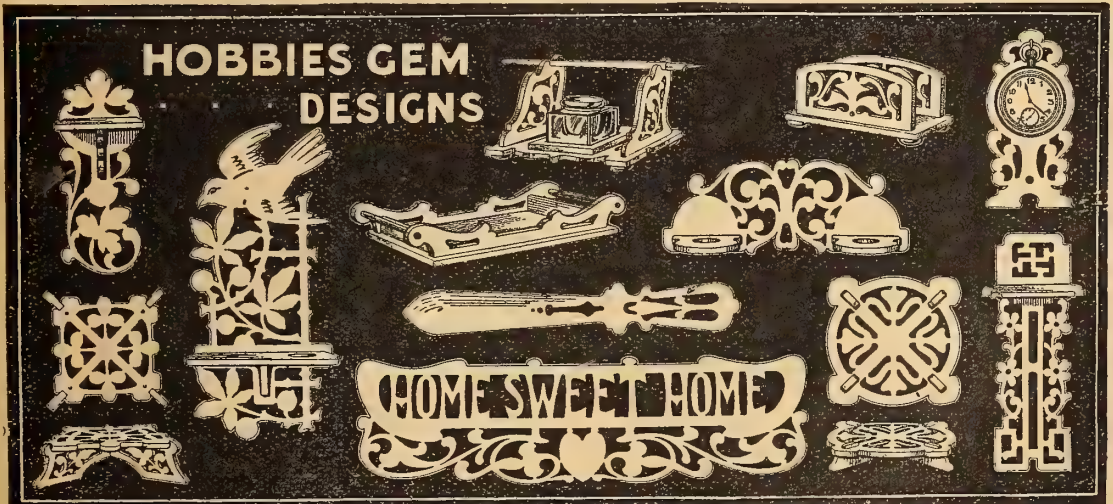
29 DESIGNS .35

Postage .02

THESE DESIGNS ARE SOLD ONLY AS A COMPLETE SET IN A STRONG ENVELOPE;
INDIVIDUAL DESIGNS ARE NOT OBTAINABLE.

HOBBIES "GEM" DESIGNS

12 Designs and Fretwood for .60 Postage .20



Hobbies "GEM" designs are always popular, particularly with our younger craftsmen. Indeed, there is no finer range for the beginner. The parcel contains 12 design subjects and fretwood for making them—all for .60
The Ink Bottle and Watch Hook are obtainable, price .25 and .03 respectively. Postage .10

Hobbies Limited, 54 Wellington Street West, Toronto

10^c DESIGNS

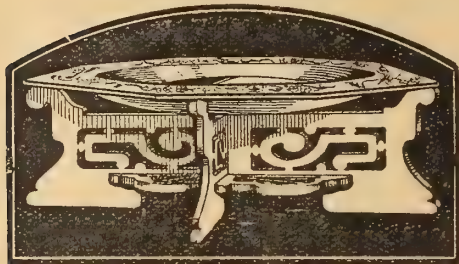
Models
Fretwork
Toys etc.

Here is a range of designs sure to be popular. Each is printed on a sheet measuring 14½ ins. by 9 ins.—just about half the size of the ordinary HOBBIES Design. The subjects include toys, models, cabinets and several everyday articles likely to be of interest to the home craftsman. Some of the patterns are shown full size on the sheet, whilst others are drawn to scale so that it is a simple matter to mark out the various parts accordingly.

Designs are priced 10 cents each; postage .01 if ordered alone.

No. 1894 FRUIT STAND

9½ ins. square, 3 ins. high.



Fretwood—A parcel of selected Beech for all parts, .40; postage .10

Fittings—Attractively decorated Fruit Plate (No. 6017), .40; postage .15

No. 1886 EGG CUP HOLDER AND TEAPOT STAND

Fretwood—Oak and Padouk for the various parts, and small turned toes for feet, .60; postage .10

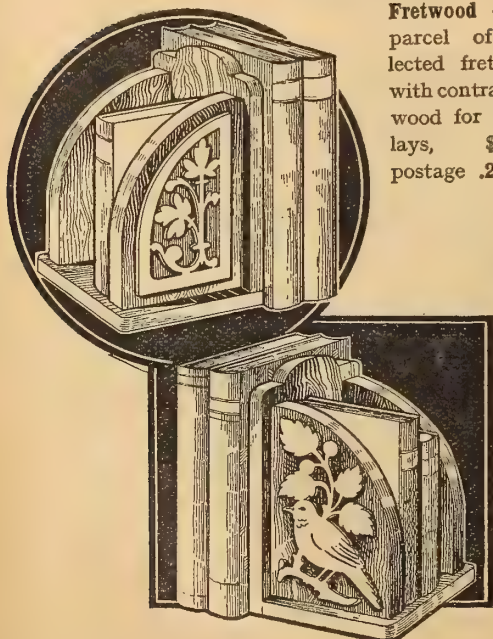
Fittings—Circular Glass (No. 5839), .10; a pair of Electroplated Egg Cups and Spoons, \$1.20; postage on fittings, .10



Two useful accessories for the home, easily and cheaply made. The teapot stand is 5½ ins. diameter, and the Egg Cup Holder 6 ins. long.

No. 1979B BOOKENDS

With alternative Fretted Overlay Patterns.



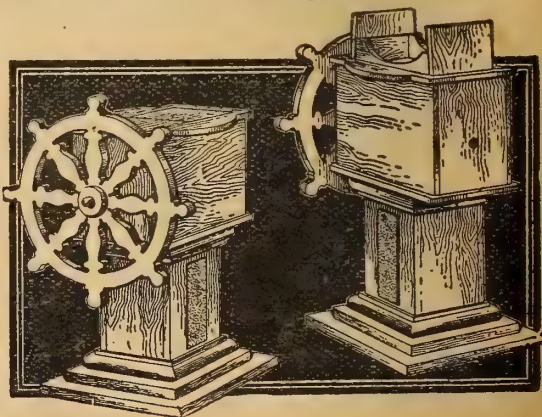
Fretwood — A parcel of selected fretwood with contrasting wood for Overlays, \$1.00; postage .25



No. 1928

THE "HELM" NOVELTY MATCH BOX

When you turn the wheel the lid lifts and a box with matches is raised. The box disappears again as the wheel is turned. The Model is 7 ins. high.



Fretwood—A parcel of Mahogany, Moulding and Dowel Rod, .40; postage .10

TEN-CENT DESIGNS

No. 1938 MOTTO AND PHOTO FRAME

The Motto is 10½ ins. long, The Photo Frame (not illustrated) is 6½ ins. high, and is fitted with circular glass to take a small picture.

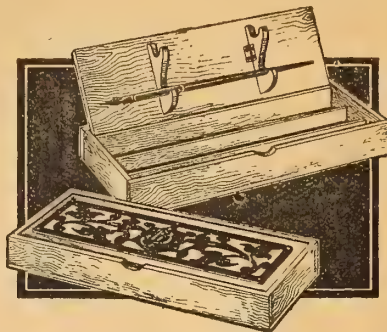


Fretwood—A parcel of selected Mahogany and White-wood, .30; postage .10

Fittings—Circular Glass (5814), 2½ ins. diameter for the Photo Frame, .10; postage .05

No. 1936 PENCIL BOX

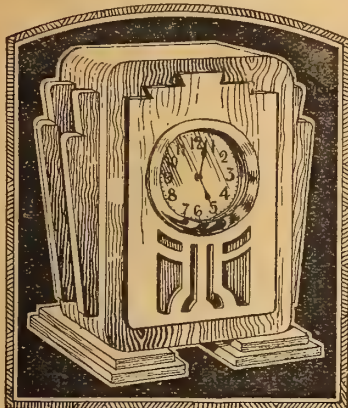
8½ ins. long. Three compartments.



Fretwood and Fittings—The parcel supplied includes selected wood for making box as shown with extra wood for an inlay decoration for lid, and a pair of hinges, .40; postage .10

No. 1924 SMALL CLOCK

6 ins. wide, 6½ ins. high.



Designs are NOT included in the Fretwood parcels but are obtainable separately—price .10 each, postage .01

Fretwood—The wood for making this design, including the special corner moulding (304), costs only .35; postage .10

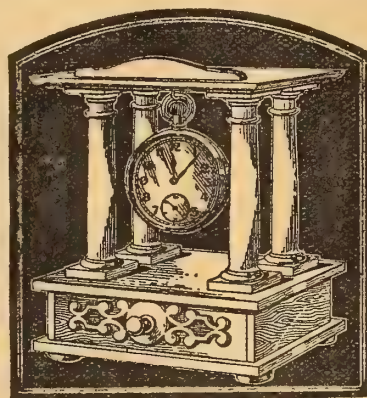
Fittings—A reliable 30-hour Clock (5506), \$1.55; postage .06

A superior 8-day movement (5511), \$6.50; postage .10

No. 1932

THE "CLASSIC" WATCH STAND

With Drawer for Studs, Links, etc.



Fretwood—Selected Satin Walnut, to take the various parts with four turned columns ready to fit, .65; postage 15

Fittings—Watch Hook, .03 and Knob for Drawer, .05; postage .02

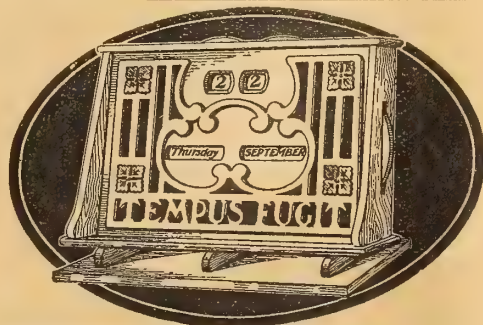
No. 1934 PERPETUAL CALENDAR

6½ ins. long.

A novelty cut with the fretsaw which lasts indefinitely. By turning the projecting discs at the top and sides, the day, date, and month are shown at the front. Here is a piece of work which amply repays the time and effort spent on it.

Fretwood—Mahogany for the main parts, Satinwood for the overlay and Plywood for discs, .50; postage .10

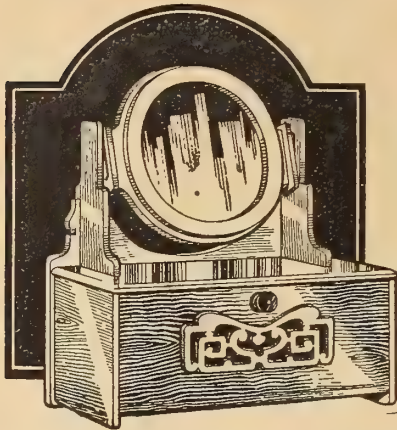
Fittings—Four fancy metal Rosettes (5408), .10 No postage if ordered with wood.



TEN-CENT DESIGNS

No. 1884 SHAVING MIRROR AND CABINET

8½ ins. wide. 10½ ins. tall.



Fretwood—All parts except the overlay are cut from ¼ in. fretwood. Two of Hobbies "A" Panels of Mahogany will take all the patterns. They cost .80; postage .15

Fittings—The fittings required are a pair of Hinges, a Catch (No. 5376), a circular Mirror (No. 5739), and a pair of Swivels. Complete for .65; postage .10. Postage on the complete parcel of wood and fittings is only .15, if ordered together.

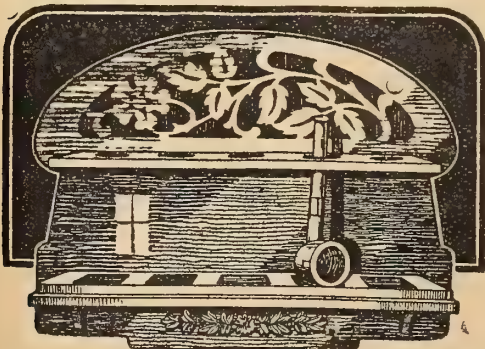
No. 1876 INKSTAND AND CALENDAR

7½ ins. long. 3½ ins. wide.

The work involved in making the Inkstand and Calendar shown is not beyond the ability even of the beginner. Two inkstands are fitted to a raised platform, below which is a drawer for pens, pencils, etc. Between the inkstand is a receptacle for nibs, pins, etc., just between which are fixed cards indicating the day, date and month.

Fretwood—The whole of the patterns can be cut from a piece of ⅝ in. mahogany, 15 in. long and 10½ in. wide. A suitable panel is supplied for .35; postage .10

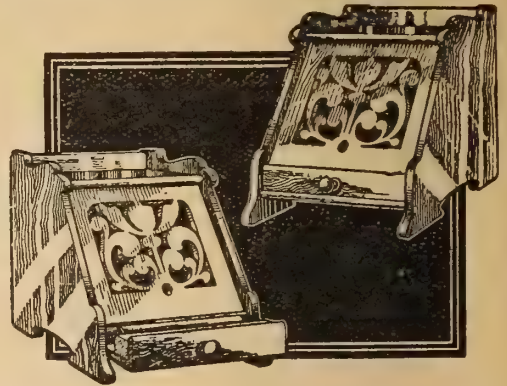
Fittings—Handsome calendar dates and names printed on celluloid (No. 6161) cost .30 a set, and a pair of glass inkwells of special design (No. 5661) are .50; Knob for drawer (No. 26), .05; Postage .10



No. 1889 AUTOMATIC CIGARETTE BOX

3½ ins. wide. 4½ ins. tall.

The box is filled with cigarettes, and one drops into the sunken recess in the drawer. Thus one cigarette is automatically brought out every time the drawer is opened.



Fretwood—The parts can be cut from a panel "B" of mahogany 15 in. by 10½ in. Price .35; postage .10

Fittings—The Knob is No. 26, .05; a pair of Hinges (No. 5308), .10; and a Catch for door (No. 5475), .05; postage .02



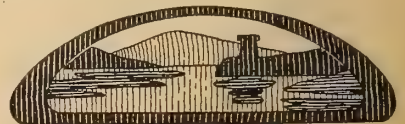
No. 1891 PIPE RACK

10 ins. wide. 8 ins. tall.

The patterns can be mounted on ¼ in. mahogany and cut out as an ordinary fretwork pattern. Or the work above the upper shelf can be omitted and an inlaid panel, cut from four woods, glued on the solid background.

Fretwood—For fretwork use Mahogany throughout. A parcel (No. 1891A) is supplied for .50 For inlay; mahogany, with thin sycamore, padouk, satinwood and mahogany Parcel (1891B) for .65; Postage .10 extra on either.

Fittings—The metal spray is No. 5410, price .10 (post .01)

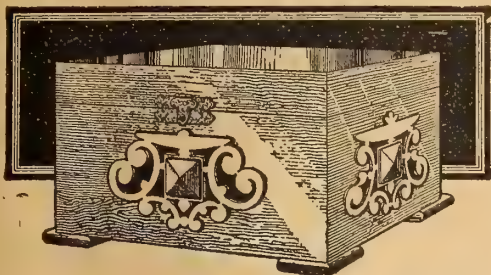


This is the alternative inlaid picture.

TEN-CENT DESIGNS

No. 1870 LADY'S WORK BOX

The interior is fitted with a hollow tray for needles, etc. The completed box measures $7\frac{1}{2}$ ins. \times 4 ins. and $3\frac{1}{4}$ ins. deep.

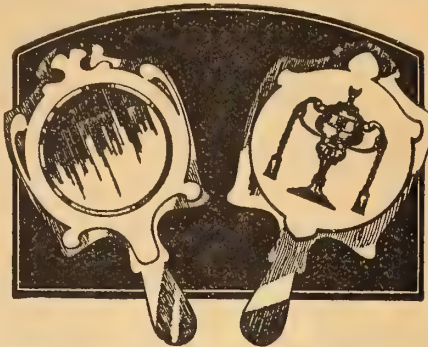


Fretwood—For building this box in Oak a parcel of planed wood is supplied with the four ornaments (233) for \$1.00; postage .15

Fittings—The Brass Fancy Catch (5474) is .08, and the Ornamental Hinges (5308) are .10 (postage .02 extra.)

No. 1888 LADY'S HAND MIRROR

Another example of the practical use of the fretsaw. Even a beginner can undertake the work with confidence. The actual mirror is $3\frac{1}{2}$ ins. diameter.



Fretwood—Parcel of wood, containing Mahogany and Whitewood for all parts .30; postage .10

Fittings—The Mirror (5740) .25, and the Transfer (1310) .15; postage on Fittings .10

No. 1868 SMALL BEDROOM CLOCK

$7\frac{1}{2}$ ins. long. $5\frac{1}{2}$ ins. tall.

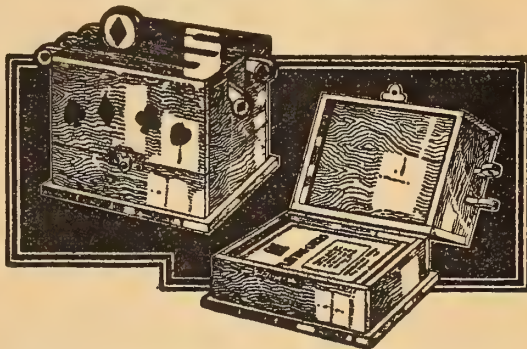


Fretwood—All the patterns required in $\frac{1}{4}$ -in. wood can be cut from the panel "A" of Mahogany. This, with sufficient overlay wood and the ornamental corner beading, is supplied for .55; postage .15

Fittings—A suitable 30-hour Clock Movement (5506) costs \$1.55; postage .06

No. 1880 AUTOMATIC TRUMP INDICATOR AND CARD BOX

$4\frac{1}{2}$ ins. long. $3\frac{1}{2}$ ins. wide.



Fretwood—The necessary parts can be cut from a piece of Mahogany, 15 ins. by $10\frac{1}{2}$ ins. and $\frac{3}{8}$ ins. thick. This is Panel "B," costing .35; postage .10

Fittings—A Box Catch (5474) .08; a pair of fancy Hinges (5308) $\frac{3}{4}$ in., .07; and a special set of hand-some Trump Indicators in colours (5238), .15; postage on Fittings .02

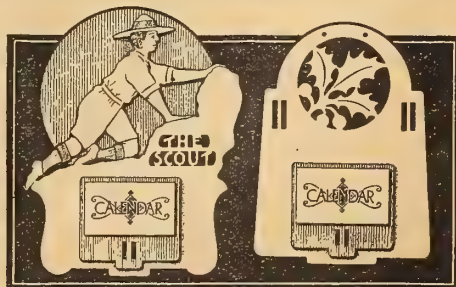
No. 1882 TWO CALENDARS

$6\frac{1}{2}$ ins. and 7 ins. tall, respectively.

Two Calendars which anyone handy with the fretsaw can complete in an hour or so. We imagine that if made up in quantities and neatly finished, they would be a source of revenue to the handy man

Fretwood—Mahogany for the main parts and Whitewood for the overlays, .30; postage .10

Fittings—Two suitable Calendars with monthly tear-off sheets (6164 and 6166) cost .10; postage .02



FRETWORK DESIGNS

Designs in this section are .15 each unless otherwise stated

No. 984 BIRD CAGE

Size $10\frac{3}{4}$ ins. by $6\frac{3}{4}$ ins. by 9 ins.

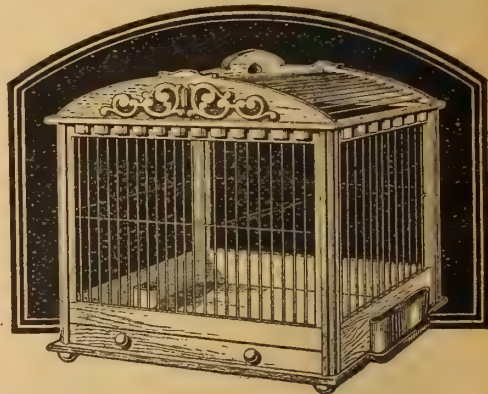


Fretwood—A parcel of selected Beech for this Cage, \$1.25; postage .25

Fittings—A bundle of cut wire (6152), in necessary lengths, .50; a pair of Feed Glasses (6140), .40; postage on Fittings, .10

No. 1959 BIRD CAGE

$13\frac{3}{4}$ ins. long. $8\frac{1}{4}$ ins. wide. $12\frac{1}{4}$ ins. high.



Fretwood—Spanish Chestnut and Padouk with corner Moulding, Ball Feet, and Angle Fillet, \$1.75; postage, .25

Fittings—Pair of Feed Glasses, .40; Brass Wire, Clips, and Binding Wire, .85; postage on Fittings, .10



BIRD CAGE

Design No. 1 Special

Price .25; postage .02

Size, 19 ins. by 14 ins. by 19 ins.

Undoubtedly the most popular Fretwork Bird Cage design published.

Fretwood—A parcel of selected Fretwood cut to approximate sizes required and in the necessary thicknesses, \$5.50; postage .75

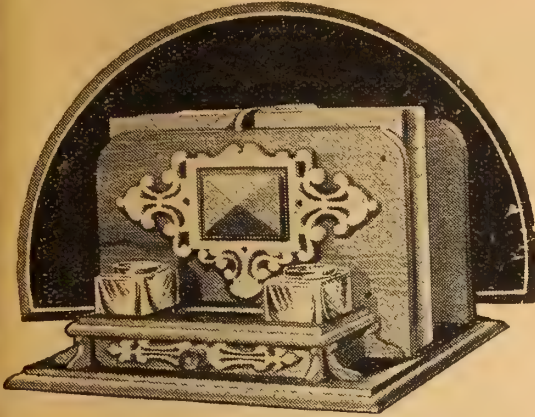
Fittings—A bundle of brass wire cut the required lengths (6120), \$1.00; postage .10

Designs are not included in the Fretwood parcels

BOOKSHELVES

No. 1822 BOOK RACK AND INKSTAND

10 $\frac{3}{8}$ ins. long. 7 ins. wide. 7 $\frac{1}{4}$ ins. high.

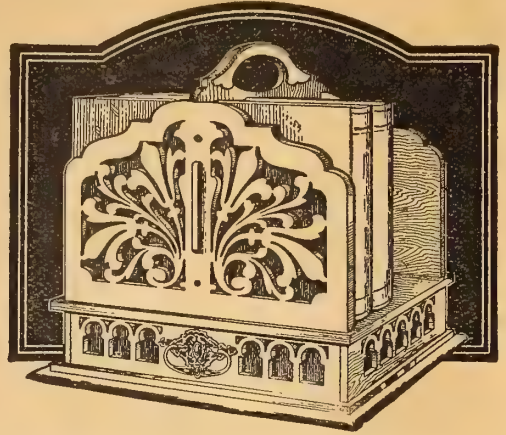


Fretwood—For this design the Mahogany panels are supplied—3 “C,” 2 “D,” 1 “E”—with wood ornament (No. 214), \$1.25; postage .20

Fittings—Pair Glass Inks (No. 5661), .50; Erinoid Knob (No. 26), .05; postage on Fittings, .10

No. 1929 BOOKSTAND AND DRAWER

11 $\frac{1}{4}$ ins. long. 8 ins. wide.



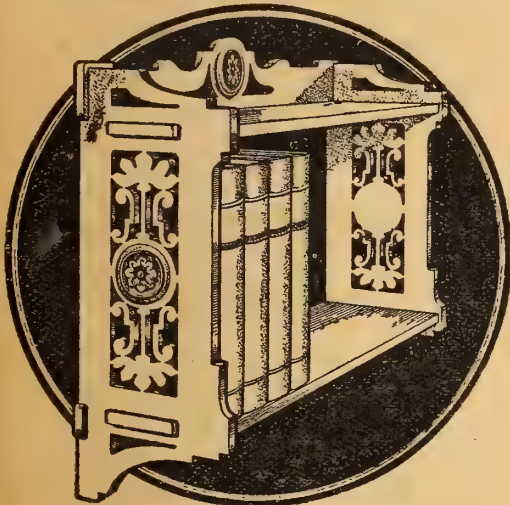
Fretwood—For making the above, one panel each “A” and “E,” and five panels “C,” of Mahogany, \$1.55; postage .25

Fittings—One Handle (5407), .25; postage .02

Two Bookshelves of interesting design are listed on page 130

No. 1789 BOOKSHELF

Height 15 $\frac{1}{4}$ ins. Width 19 ins. Depth 5 $\frac{1}{2}$ ins.



Fretwood—A parcel of selected Spanish Chestnut, with three No. 220 Wood Rosettes, \$1.70; postage .30

Fittings—Pair Bracket Eyes (6134), with suitable screws, .06; postage .01

No. 1640 BOOKSTAND

13 $\frac{1}{4}$ ins. long. 10 $\frac{1}{4}$ ins. high.



Fretwood—For this design we supply a parcel of Oak, \$1.40; postage .25

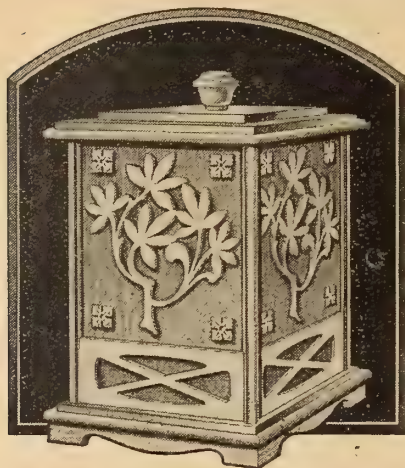
Fittings—12 Brass Lacquered Rosettes (5408), .25
Two Transfers (5147), .10; postage .02 extra.

Designs are .15 each unless otherwise stated

BOXES

No. 1890 BISCUIT BOX

5½ ins. square. 8¼ ins. high.



Fretwood—For making this Biscuit Box we supply a parcel of Mahogany and Whitewood with sufficient No. 302 Moulding, \$1.15; postage .25

Fittings—Knob No. 5390 and a set of 16 No. 5408 Rosettes, .40; postage .03

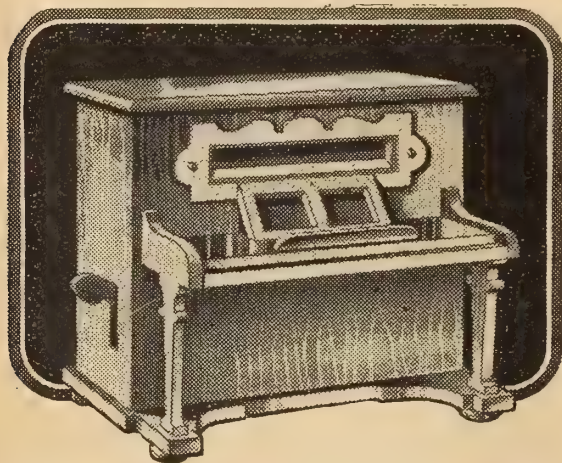
No. 1887 THE "SCOT" MONEY BOX

8 ins. long.

A coin laid on the tray tilts the figure and is automatically deposited in the slot of the box.



Fretwood and Fittings—For making up this Money Box we supply a parcel of Whitewood and Fittings consisting of Brass Padlock and Key and Catch with Hasp complete and pair of Hinges for .85; postage .15
Fittings only, .55; postage .03



No. 1873

THE "PIANO" AUTOMATIC CIGARETTE BOX

6¼ ins. long. 5¾ ins. high.

A novelty piano which delivers a cigarette when you press the lever at the side. As can be seen, it is an almost exact model of a real piano, but a slot is provided in the front behind the music stand. This slot is very much like an ordinary automatic machine, because when the little lever is pressed at the side of the piano a single cigarette is delivered out of the opening and comes to rest on the top of the "keys."

Fretwood—For this design we supply the Mahogany Panels, one each B and C, with four No. 19 Toes. .60; postage .15

Fittings—Pair Brass fancy Hinges (No. 5308), and Catch (No. 5475), .20; postage .03

No. 1835

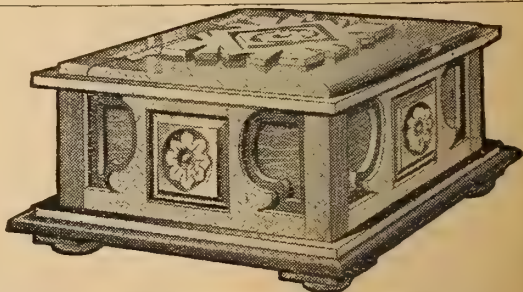
HANDKERCHIEF BOX

6½ ins. square. 3¾ ins. high.

Who could fail to be pleased with a design like this? It is one of those subjects that amply repays the time and care spent in making it.

Fretwood—Panel of Mahogany "B" and other wood, with Moulding, Toes and Ornaments, \$1.00; postage .15

Fittings—One pair No. 5308 Hinges, .10; postage .02



Designs are not included in the Fretwood parcels

BOXES



No. 1142
LADY'S HANDKERCHIEF BOX

Height $7\frac{1}{2}$ ins. $7\frac{1}{2}$ ins. square.
Fretwood — Sycamore, .90;
postage .20

Fittings — Four Handkerchief
Scrolls (5224), .40; postage .02

No. 1144 GLOVE BOX

11 ins. long. $5\frac{1}{4}$ ins. wide.
Fretwood — Sycamore, .90;
postage .20

Fittings—Two Gilt and
Black Glove Scrolls (5225), .20;
postage .02



No. 754 HANDKERCHIEF BOX

Size $9\frac{1}{2}$ ins. by $9\frac{1}{2}$ ins. by $5\frac{1}{2}$ ins.

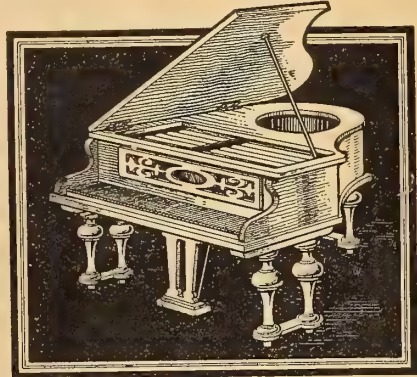
*This is probably the most popular handkerchief box
design ever published.*



Fretwood—A parcel of selected Sycamore for making
this popular design for \$1.00; postage .20

No. 1854 "GRAND PIANO" CIGARETTE BOX

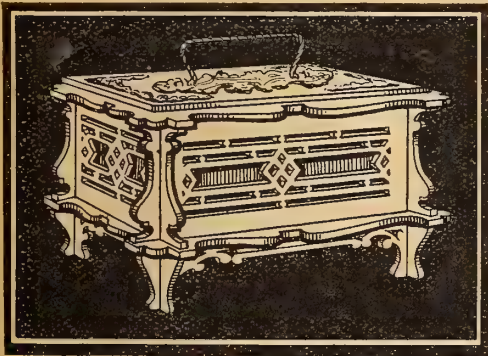
7 ins. wide. $8\frac{1}{4}$ ins. deep. $5\frac{1}{4}$ ins. high.



Fretwood—Beech cut to approximate sizes required,
with 6 turnings (No. 10), for Legs, \$1.25; postage .20
Fittings—A pair of Brass Hinges .05; postage .01

No. 1066 JEWEL BOX

$7\frac{3}{4}$ ins. long. $5\frac{1}{2}$ ins. wide.



Fretwood—A parcel of White Sycamore with
Satin Walnut linings, .65; postage .15

Fittings—Set of Oxidised Ornaments: Handle
(5328), .25; Four Corners (5115), .16 per set;
postage .02

**No. 865. ELIZABETHAN
HANDKERCHIEF BOX**

$8\frac{1}{2}$ ins. square

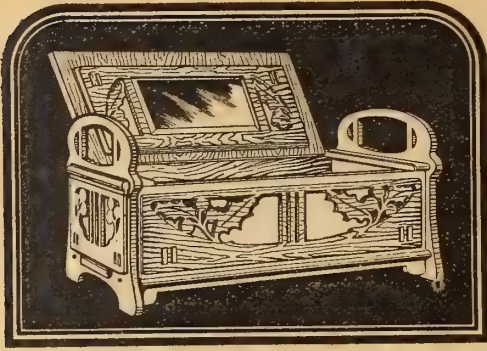


Fretwood—Mahogany with Sycamore
Linings, .90; Postage .15
Fittings — Handkerchief Scroll
(5224) .10; postage .02

*HOBBIES Designs are
printed sharp and clear,
and tell you all you
want to know about
cutting and construction.
You are not left
in doubt on any point.*

Designs are .15 each unless otherwise stated

BRACKETS



No. 1569

LADY'S HANDKERCHIEF BOX

Length $10\frac{1}{2}$ ins. Width $4\frac{1}{2}$ ins. Height $5\frac{3}{8}$ ins.

Fretwood—For this design we supply a parcel of Fretwood with Dark Overlay, and sufficient No. 24 Moulding, .75 ; postage .20

Fittings—Bevelled Mirror No. (5718) .25 ; postage .04

Postage on complete parcel, .20

No. 1193 MIRROR, WITH SHELF

Height, 11 ins. Width, 12 ins. Projection, 3 ins.



Fretwood—A parcel of White Chestnut and dark Overlay, .70 ; postage .15

Fittings—Bevelled-edge Mirror (5718), .25 ; postage .04

No. 1551 CONVEX MIRROR FRAME AND BRACKET

Mirror Frame, 11 ins. diameter.

Bracket, $12\frac{1}{2}$ ins. high. $5\frac{3}{8}$ ins. wide.



Fretwood—For this design, and a Bracket, not illustrated, we supply Whitewood with Dark Overlay, .75 ; postage .15

Fittings—Bevelled Mirror (5714), .25 ; 5-in. diameter Convex Mirror (5726), .55 Postage on both, .10



No. 1800

A PAIR OF OLD ENGLISH BRACKETS

Each $9\frac{1}{4}$ ins. wide.

Fretwood—For this design a parcel of mahogany is supplied, consisting of two "B" Panels, for .70 ; postage .15

Fittings—Bevelled Mirrors (5716) square, .25 and (5711) round, .20 The two will be sent post paid for .50



Designs are not included in the Fretwood parcels

BRACKETS

No. 1729
CHRISTMAS MIRROR FRAME
 Height 14½ ins. Width 8½ ins.



Fretwood—A panel of Mahogany (B), with sufficient Whitewood for overlay, .55; postage .10
Fittings—Convex Mirror (5726), .55; set of eight Holly Sprays (5451), .30; pair of Hangers, .05; postage .10

No. 1746
CANADIAN MIRROR FRAME
 12½ ins. high and 9¾ ins. wide.



Fretwood—A parcel of Whitewood and Moulding, .65; postage .15
Fittings—A plain round Mirror (5739), .25; postage .08



No. 38 SPECIAL
GIANT BRACKET "THE YEAR"

Size 33 ins. by 21 ins.

PRICE .25; POSTAGE .02

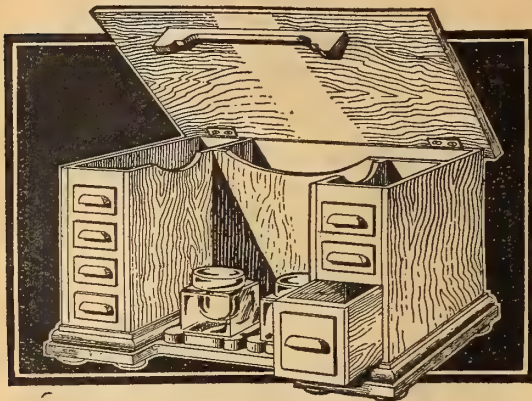
The miniature illustration of this handsome and striking Bracket, entitled "The Year," will at once indicate the general idea underlying this title, and the pictorial character of the months lends a special interest to the work of cutting. Its overall size is 33 ins. in length and 21 ins. in width. It has ten shelves, two of which are 19 ins. long, and three about 9 ins. The summit is crowned with a reclining figure of Father Time, with his hour-glass and scythe.

Fretwood—Parcel of selected Satin Walnut with Whitewood for Overlay Rims for making the complete Bracket, may be had for \$1.85; postage .35

Fittings—Set of five Bevelled-Edge Mirrors, including large Crystal Mirror (5731), Two Circular Mirrors (5704), and Two Diamond Mirrors (5707), \$1.60; postage .15

Designs are .15 each unless otherwise stated

CABINETS



No. 1910 HANGING CABINET

With Roller Shutter Front

A handy Cabinet which any owner of a few fretwork tools can make up at little cost. As can be seen it is fitted with a roller shutter front which runs up and down after the fashion of a roll-top desk. The Cabinet is 14 ins. high, 10½ ins. wide, and 7 ins. deep.

Fretwood—Selected Satin Walnut with Stripwood for Shutter, Fillét Strips and Mouldings, \$2.00; postage .35

Fittings—Fancy Knob (5375), and Canvas for backing roll front, .20; postage .03

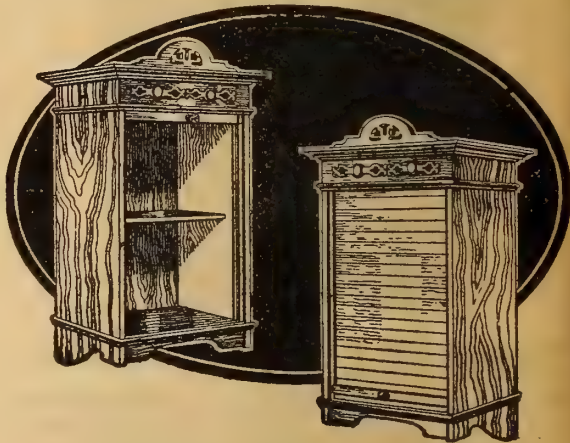
No. 1916 NOVELTY INKSTAND AND STATIONERY CABINET

With Secret Drawer

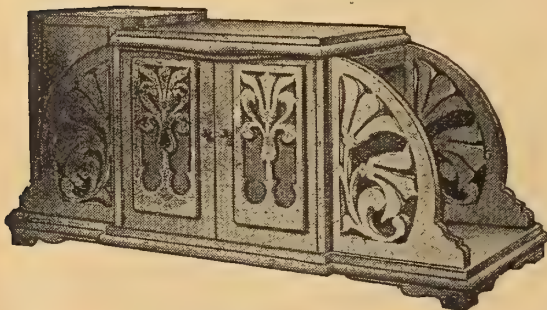
This novelty takes the form of an ordinary Writing Desk with knee-hole. It is just 10 ins. long. What a design to make up in numbers for sale at a profit!

Fretwood—A parcel of Satin Walnut to take the various parts, with sufficient No. 24 Moulding, .90; postage .15

Fittings—A pair of Glass Inkwells (5661), .50; Hinges, .05 Postage on Fittings .10



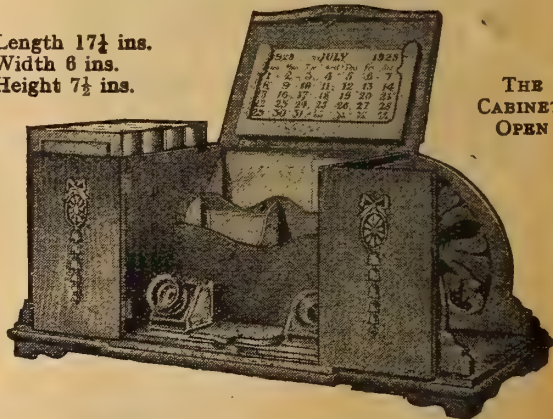
*For charm, distinction and all-round utility
this cabinet is hard to beat.*



Design No. 165 SPECIAL STATIONERY CABINET AND BOOK RACK

Price .25 Postage .02

Length 17½ ins.
Width 6 ins.
Height 7½ ins.



THE
CABINET
OPEN

Fretwood—For the making of this complete Cabinet we supply a parcel of suitable planed Oak for all necessary parts, \$1.75; postage .45

Fittings—Pair of handsome Inkstands (5661), .50; Calendar Pad for current year (6154), .10; Two Erinoid Knobs, .10; Four pairs Brass Hinges .20; Two handsome Transfers (5337), .10

Complete set of Fittings, \$1.00; postage .10

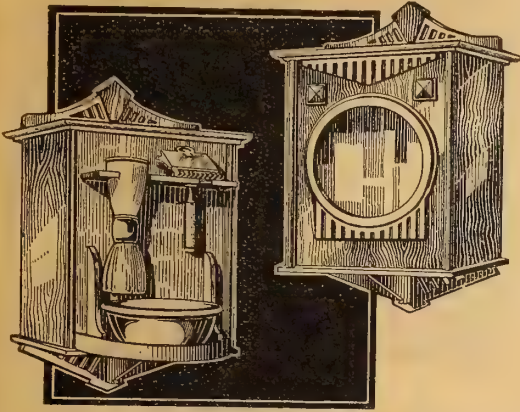
Designs are not included in the Fretwood parcels

CABINETS

No. 1979

NOVELTY SHAVING CABINET

With swing door having mirror on one side and rack and shelf for shaving utensils on the other. 9 ins. wide by 11½ ins. high overall.

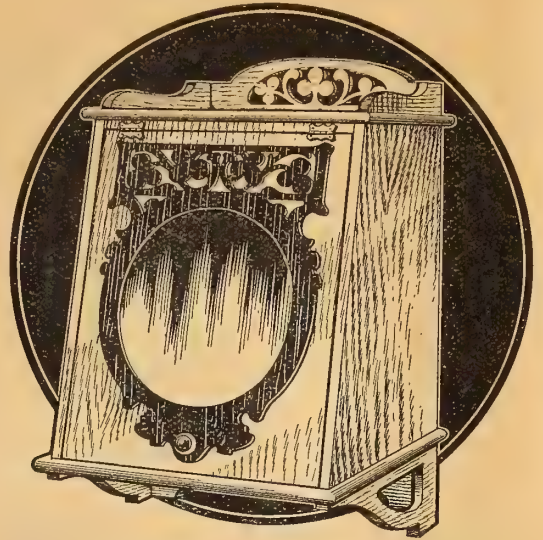


Fretwood—For making this Cabinet a parcel of Oak with Padouk for Overlay is supplied, with sufficient No. 18 Moulding, Angle Fillet, and No. 212 Ornaments. \$1.75; postage .30

Fittings—Mirror No. 5738, .30; Washers, .03; Pair of Brass Hangers, No. 6176, .10. Postage on Fittings .08

No. 1961 SHAVING CABINET

8 ins. wide by 12½ ins. high.



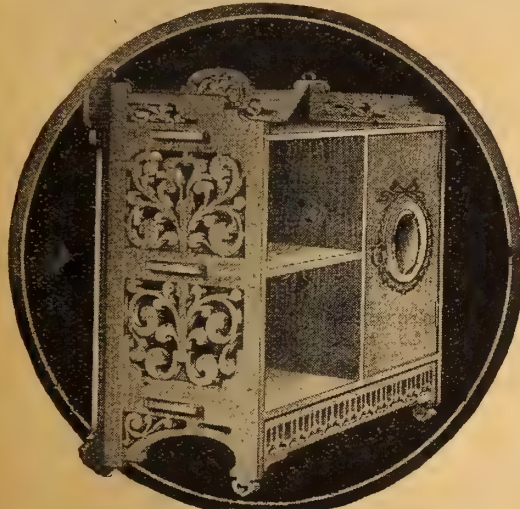
Fretwood—For making this Cabinet a parcel of Spanish Chestnut is supplied with Padouk Overlay, price \$1.25; postage .25

Fittings—1 Mirror, No. 5738, .30; 1 pair No. 5308 Hinges (¾ ins.), .07; 1 Knob, No. 5390, .07; postage on Fittings .08

No. 1610

CABINET AND BOOKSHELVES

14 ins. long. 14 ins. high. 6 ins. deep.



Fretwood—For this design we supply a parcel of selected Spanish Chestnut, \$1.80; postage .30

Fittings—Circular Floral Marquetry Transfer (5324), .10; Catch for door (5341), .15; Bevelled Round Mirror (5711), .20; pair Bracket Eyes, .03; complete set of Fittings, .48; postage .06

No. 1407/8 MEDICINE CABINET

Price .25; postage .02 Height 19½ ins. Width 12½ ins.



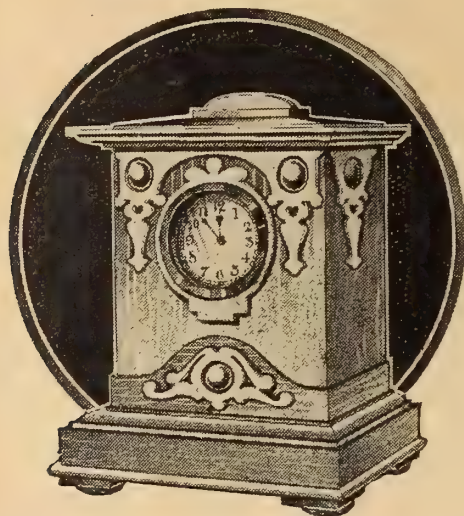
Fretwood—Parcel of Satin Walnut and White Overlay, with sufficient No. 21 Moulding, \$2.00; postage .50

Fittings—British-made Oval Mirror (5730), .65; Drop Handle (5340), .30; Lock, .50; pair 1-in. Hinges, .05 The set of Fittings, \$1.50; postage .10

Designs are .15 each unless otherwise stated

CLOCKS

No. 1906 MANTEL CLOCK
8½ ins. high. 7½ ins. wide.



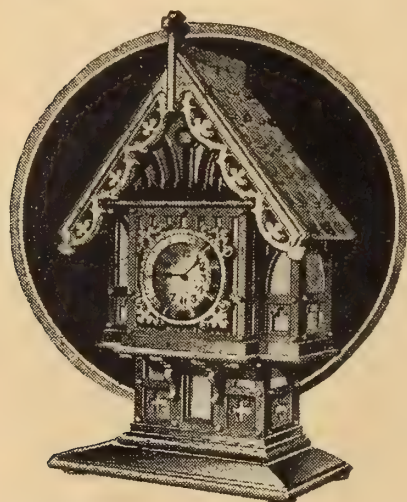
Fretwood—One each "A," "C," and "F" Mahogany Panels with turned Wood Ornaments, Feet and Moulding, .85; postage .20
Fittings—30-hour Clock (5506), \$1.55; postage .06
Superior 8-day Movement (5511), \$6.50; postage .10

No. 1787 THE "LOG CABIN" CLOCK
9½ ins. high. 10 ins. wide.



Fretwood—For this design Mahogany panels are supplied, two "B," one "D," .90; postage .20
Fittings—Clock (5506), \$1.55; postage .06.
Superior 8-day Movement (5511), \$6.50; postage .10

No. 152 Special "YE OLDE GABLE" CLOCK
Price .25 Postage .02
13 ins. high. 8 ins. wide.



Fretwood—Whitewood with Darkwood for Overlay; sufficient No. 20 Toes and No. 24 Moulding, \$1.20; postage .25

Fittings—Reliable 30-hour Clock (5506), \$1.55; postage .06

Superior 8-day Movement (5511), \$6.50; postage .10

No. 33 SPECIAL
Price .25; postage .02
"FATHER TIME" CLOCK

33½ ins. high.
14 ins. wide.

Fretwood—For this striking and novel piece of fretwork a parcel of Satin Walnut for all necessary parts, \$1.75; postage .45

Fittings—A strong reliable 8-day Clock in case, ready for fitting (5504), \$6.50; postage .10

We can also supply 30-hour movement (5503), similar in size and appearance to the 8-day Clock, \$3.50; postage .10



Designs are not included in the Fretwood parcels

CLOCKS

No. 1650

THE "STAG" MANTEL CLOCK

Height 10 $\frac{3}{4}$ ins. Width 8 ins.



Fretwood—For this design we supply a parcel of selected Whitewood, .60; postage .10

Fittings—Reliable 30-hour Clock Movement (5506), \$1.55; postage .06
Superior 8-day Movement (5511), \$6.50; postage .10

No. 668 GOTHIC CLOCK

Size 15 ins. by 7 $\frac{1}{2}$ ins. by 2 $\frac{1}{2}$ ins.



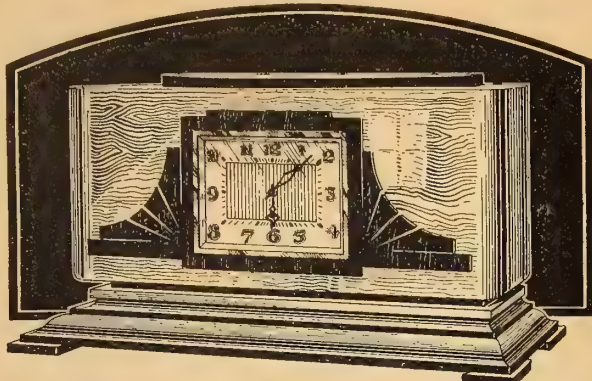
Fretwood—Parcel of Sycamore, \$1.00; postage .15

Fittings—Clock (5506), \$1.55; postage .06

No. 1975 MODERN CLOCK

and pair of Candlesticks]

Clock 10 $\frac{1}{2}$ ins. long.



Fretwood—For making these articles a parcel of Satin Walnut is supplied with sufficient No. 17 and 304 Moulding. \$1.00; postage .15
Fittings—30-hour Clock No. 5513 with oblong shape dial, \$2.50; Candle Sconces, .10 per pair. Postage on fittings, .10

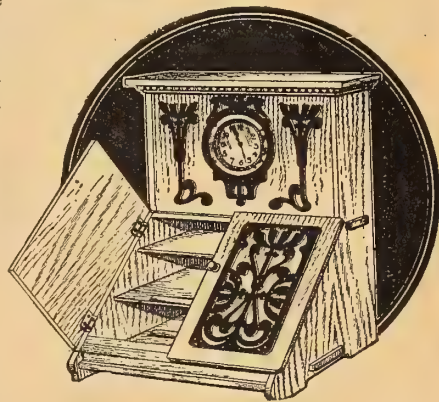
No. 1931 CLOCK AND STATIONERY CABINET

10 ins. long. 7 $\frac{1}{2}$ ins. deep. 11 $\frac{1}{2}$ ins. high.

Fretwood—Oak for the main parts with Padouk Overlay wood, 3-ply backing and sufficient No. 133 Moulding, \$1.85; postage .30

Fittings—Two No. 26 Erinoid Knobs, 30-hour Clock (5506), and two pairs $\frac{3}{4}$ in. Hinges, \$1.75; postage .06

These designs (except 1975) may be fitted with a superior 8-day movement (5511), price \$6.50; postage .10



No. 19G

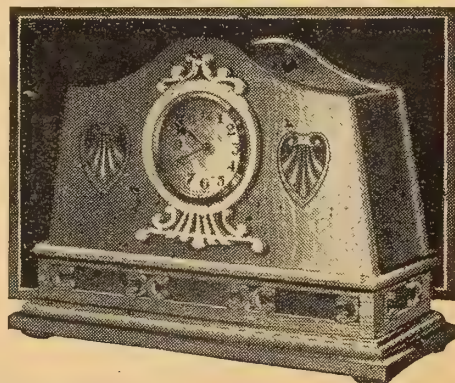
MANTEL

CLOCK

10 ins. long, 7 $\frac{1}{2}$ ins. high.

Fretwood—A parcel of Mahogany with four No. 20 Feet, and sufficient No. 24 Moulding, \$1.00; postage .20

Fittings—Clock (5506), \$1.55; two Transfers, .10; postage .06



Designs are .15 each unless otherwise stated

INLAY DESIGNS

No. 1941 INLAID TRAY

16 ins. long. 10 ins. wide.

Fretwood—Selected Wood, including special Tray Moulding and fancy woods for inlay, \$2.25; postage .30

Fittings—Glass (5827), .50; Brass Tray Handles (No. 3), .50 pair; postage on fittings .20



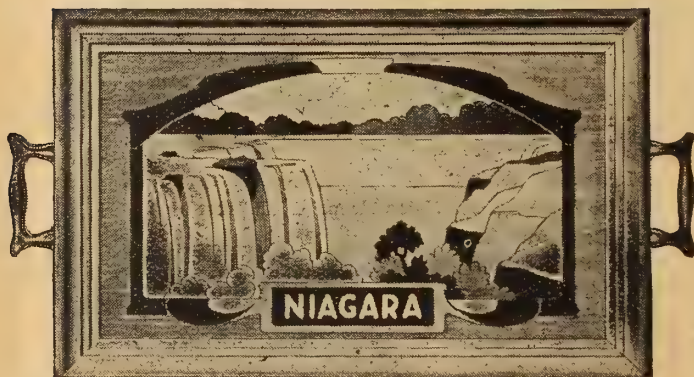
No. 1742

INLAID AFTERNOON TEA TRAY

16 ins. long. 10 ins. wide.

Fretwood—We supply a parcel of Sycamore and Mahogany, with panels for Inlay of Padouk, Satinwood, Mahogany and Sycamore, with sufficient No. 25 Mahogany Moulding, \$2.25; postage .30

Fittings—Glass (5827), .50; pair of No. 3 Brass Tray Handles, .50; postage on Glass and Handles, .20



No. 1009 INLAID CALENDAR

14½ ins. high.



Fretwood—Parcel of various woods for making this design, \$2.00; postage .20

Fittings—Thermometer (5003), .40; Calendar Pad for current year (6154), .10; postage on Fittings, .06

No. 1927 INLAID PICTURE AND FRAME

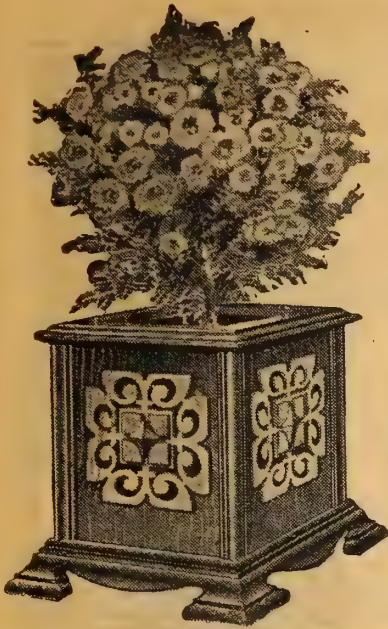
17 ins. long 14 ins. high.



Fretwood—Selected Oak for the framework and plywood for back, with inlay panels of Oak, Mahogany, Satinwood, and Sycamore. Two handsome wooden ornaments and the necessary dowel rod are also provided. The complete parcel costs \$1.85; postage .20

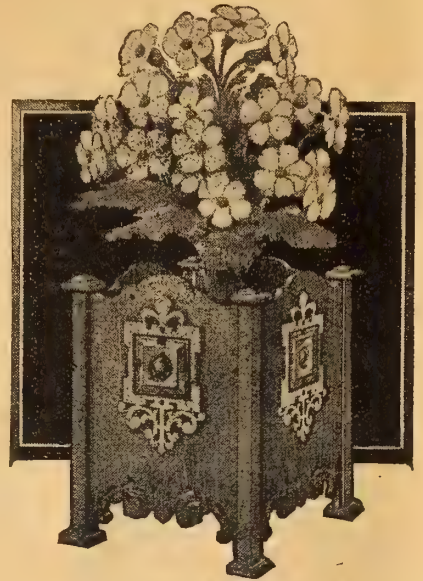
Designs are not included in the Fretwood parcels

JARDINIERS

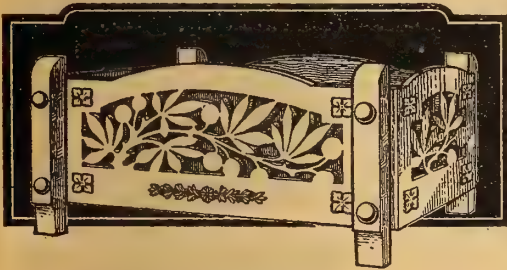


No. 1847 JARDINIÈRE
9 ins. high, 9 ins. square
(at base).

Fretwood—A parcel of selected Beech, with sufficient Nos. 41, 43 and 301 Mouldings and four No. 231 Rosettes, \$1.75; postage .25



**No. 1821
FLOWER POT HOLDER**
9½ ins. high, 7½ ins. square
Fretwood—Mahogany panels—2 "A" and 1 "C"—with sufficient Oak for overlay, wood Ornaments and Mouldings, \$2.00; postage .30



No. 1943. FERN POT STAND

12 ins. long, 5½ ins. wide,
to take three 3½ in. pots.

Fretwood—Oak for all parts with 8 No. 219 turned Wood Ornaments, .80; postage .25

Fittings—The antique finish metal ornaments and coloured canvas for lining the box, .50; postage .03



**No. 797B
FERN BOAT**

Length 13½ ins.

Width 8½ ins.

Fretwood—Parcel of White Sycamore, 1½ in. thick, for cutting this design, .75; post .15

**No. 1658
ELIZABETHAN
JARDINIÈRE**

7 ins. high.

7½ ins. square.

Fretwood—Selected Oak with sufficient No. 24 Moulding and angle fillets, \$1.15; postage .20

Fittings—Twelve Metal Rosettes (5408), .20; postage .02



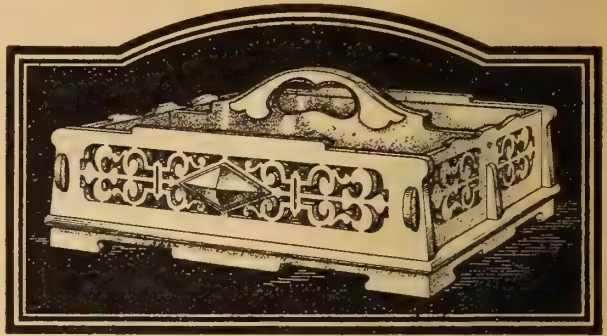
Designs are .15 each unless otherwise stated

LETTER RACKS

No. 1801 CUTLERY BOX

13½ ins. long. 9 ins. wide.

Fretwood—Three "A" panels and two "F" panels of Mahogany with two No. 208 Wood Ornaments, \$1.75; postage .30



No. 1141

LETTER POCKET

Height 14 ins. Width 8½ ins.

Fretwood—A parcel of Whitewood and Beech, .65; postage .15

Fittings—Bevelled-edge Circular Mirror (5712), .25; postage .04

No. 1732

LETTER POCKET

(with Calendar).

14½ ins. high. 9½ ins. wide.

Fretwood—We supply a parcel of Sycamore, .50; postage .10

Fittings—Calendar Pad (6154), .10; postage .02



No. 1339

LETTER POCKET AND SHELF

14 ins. high. 7½ ins. wide.

No. 1439

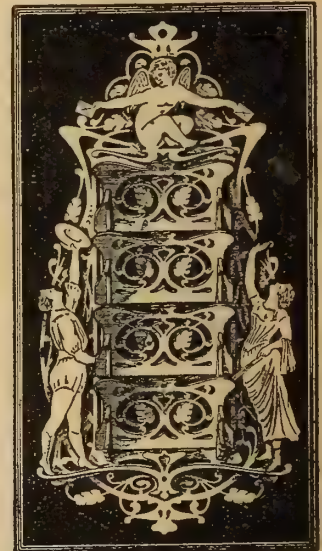
LETTER BOLDER

Height 10½ ins. Length 8 ins.

*This design is always popular.
You can make it easily and quickly
from the materials supplied.*

No. 783 CUPID LETTER RACK

Size, 18 ins. by 9 ins.



Fretwood—A parcel of selected Beech, .80; postage .15

Fittings—Bevelled-edge semi-circular Mirror (5717), .25; postage .04

Fretwood—A complete parcel of satin Walnut, with sufficient pieces, of board for all parts, and two o. 20 Turnings, .65; postage .15

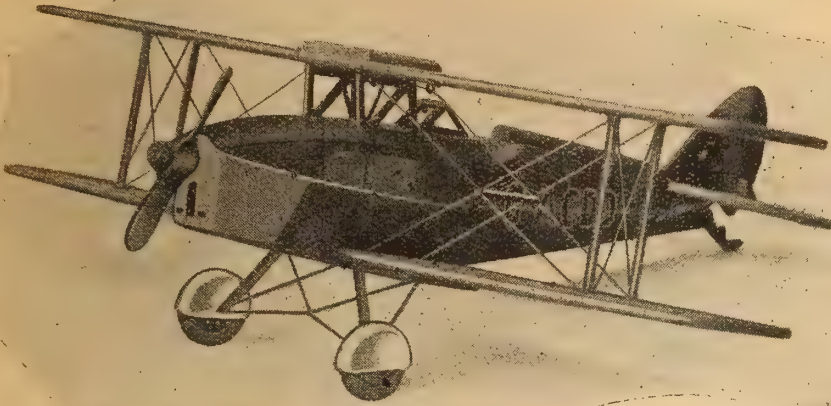
Fretwood—Parcel of selected Fretwood, with Whitewood for Overlays, .80; postage .15

Designs are not included in the Fretwood parcels

MODELS

No. 1957 MODEL AEROPLANE

A Model of the Fox Moth Aeroplane as supplied to H.R.H. the Prince of Wales by the De Havilland Aircraft Co. Ltd.



Here's a design that every model-maker will want to make up. The completed model has a wing-span of 15½ ins., and is 15 ins. long. Our designer has kept faithfully to the prototype for style and proportion.

The parcel of materials supplied includes, wood cut and planed to take the various parts. Construction is further simplified by the provision of a ready-made propeller. The parcel, complete with all necessary metal fittings, wheels, etc., costs only \$1.30

Fretwood—Selected Satin Walnut with Round Rod and ready-made Propeller, .90; postage .15

Fittings—Two Aluminium Wheels, sufficient brass wire, five small Brass Hinges, a piece of mica, screws, nails and screw eyes, .40; postage .05

Show your skill with the fretsaw by making these two splendid models. The designs explain everything you need to know.

MODEL BATTLESHIP

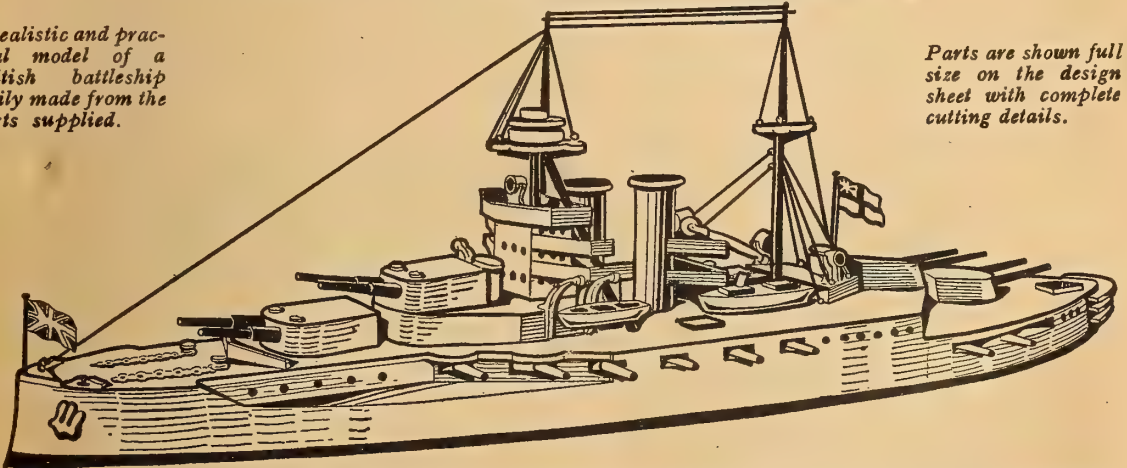
No. 91 SPECIAL

Design .25

Postage .02

30 ins. long

A realistic and practical model of a British battleship easily made from the parts supplied.



Parts are shown full size on the design sheet with complete cutting details.

Fretwood—For the making of this fine and accurate model we supply a parcel of selected Fretwood, including a properly shaped boom and sufficient turned rods, \$1.75; postage .30

Fittings—For the small parts we supply a set complete, consisting of 8 large and 16 small specially turned and shaped metal guns, flags, White Ensign (6157) and Union Jack (6158) fixed on pin posts, sufficient braided line, 2 dozen small eyes and anchor chain, \$1.00; postage .05

Designs are .15 each unless otherwise stated

MODELS

A MODEL ALTAR

DESIGN No. 1908

As used at the Eucharistic Congress in Dublin, Ireland, June 1932

An enormous gathering of Roman Catholics took part in an international congress held from June 20th to June 26th, 1932. It concluded on the last day (Sunday) with the celebration of High Mass in the Phoenix Park, Dublin, in the presence of the Cardinal Legate of the Pope. A special altar, the canopy of which rose over 100 ft. high, was erected for such a wonderful occasion.

It is a model of this altar and canopy which our illustration depicts. The model can be completed quite easily with a few fretwork tools, and the materials detailed below. It stands 1 ft. 4½ ins. high and is built on a base 8 ins. square.

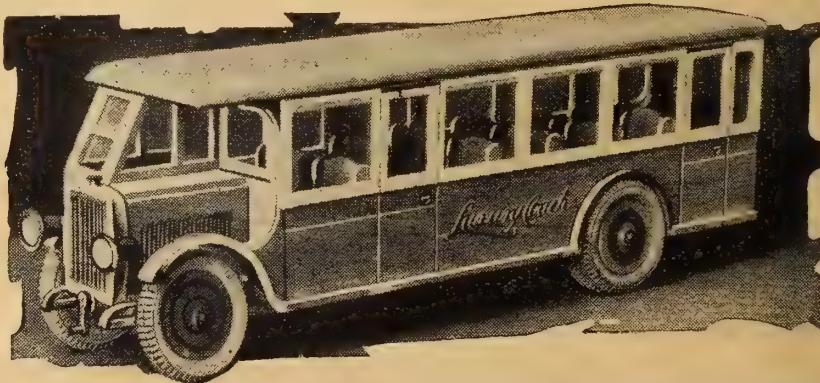
Fretwood—For making this Model Altar a parcel of wood is supplied including Mahogany panels, A, C, D and E, 4 Columns No. 33, 5 Finials No. 13, with sufficient No. 21 Moulding, \$2.00; postage .30



A MODEL MOTOR-COACH

DESIGN No. 1985

We are sure this design will delight our model-making readers by its nice lines, realistic appearance, and simplicity of construction. The completed Bus stands nearly 6½ ins. high and 21 ins. long, and is fitted with real rubber tires and glass windows. As can be seen from the photograph, it is one of the long-body type, where the driver sits right forward in the little cabin of his own almost on top of the bonnet.



The design sheet tells you all you want to know about the construction.

Imagine the thrill you will get making this splendid model.

Fretwood—For making this realistic model a parcel of Satin Walnut is supplied with sufficient round rod and turned Wood Lamps, \$1.80; postage .30

Fittings—9 Glasses (5825), 5 Glasses (5836), 6 Motor Tires, 1 piece of Mica, 2 Brass Eyes and Screws, \$1.60; postage .20

Designs are not included in the Fretwood parcels

No. 28 SPECIAL. PRICE .50; postage .02

MODEL OF THE NELSON MONUMENT

51 ins. high.

A Model which has probably carried off more Exhibition Awards than any other design. It is certainly a piece of work which amply repays the time and effort spent on it. If the patterns and instructions on the design sheet are carefully followed, and the right materials used, anyone capable of handling a fretsaw can complete a model which will be the admiration of all who see it.

Fretwood—Parcel of Whitewood throughout, containing selected boards of the finest Sycamore, and including suitable round rod for the Plinth, \$5.25; Express Collect.

Nelson Statuette and Lions—The Nelson Statuette is 6 ins. high, while the Lions are 3½ ins. in length. The five models may be had in Dark China for .90; postage .10

Set of Four Anchor Medallions—.40; postage .03

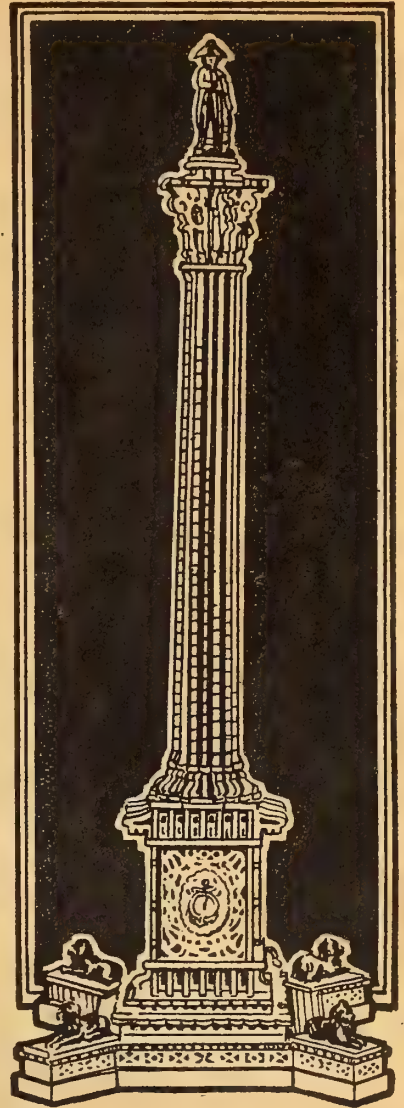
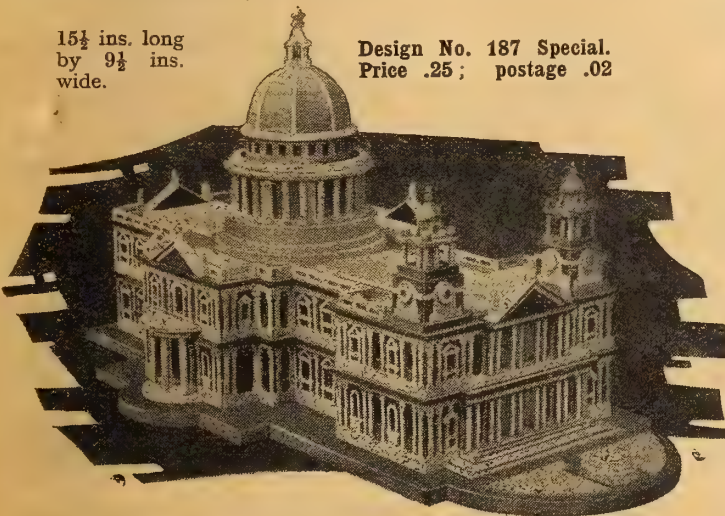
Support Rod—A Metal Support Rod, 44 ins. long, with 5 in. square plate and upper socket, complete, .80; Express Collect.

MODEL OF ST. PAUL'S CATHEDRAL

This Model will appeal to everyone, for the great city church of London stands as the heart of the Empire all over the world, and the great dome and magnificent frontage which look down Ludgate Hill are monuments not only of architecture and workmanship, but the life and progress of the nation for hundreds of years past. *Get busy NOW on this splendid model.*

15½ ins. long
by 9½ ins.
wide.

Design No. 187 Special.
Price .25; postage .02



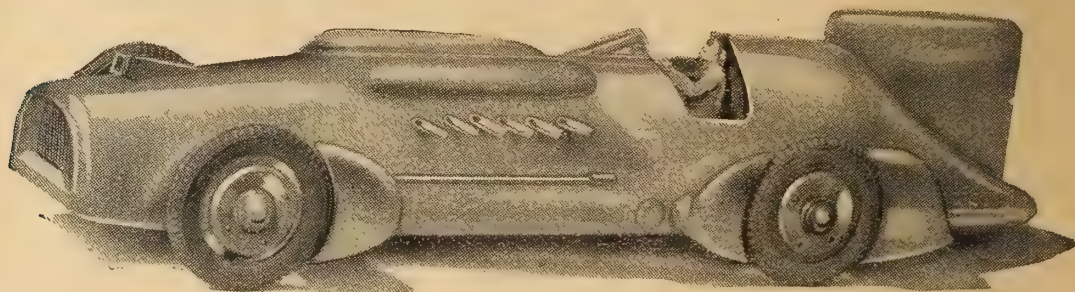
The design chart and the special materials supplied, make it possible for almost any fret-cutter to successfully complete the model of St. Paul's Cathedral.

Fretwood and Fittings.—For making this Model a parcel of Mahogany and Whitewood is supplied, with Satin Walnut strips, dowelling, No. 50 Beading and two turnings. Price \$3.00; postage .35

MODELS

No. 1951 A Model of the "BLUE BIRD"

Sir Malcolm Campbell, on February 22nd, 1933, attained the amazing speed of 272 miles per hour, with his "Blue Bird". Why not build this attractive model to perpetuate a wonderful British achievement? It is 21 in. long.

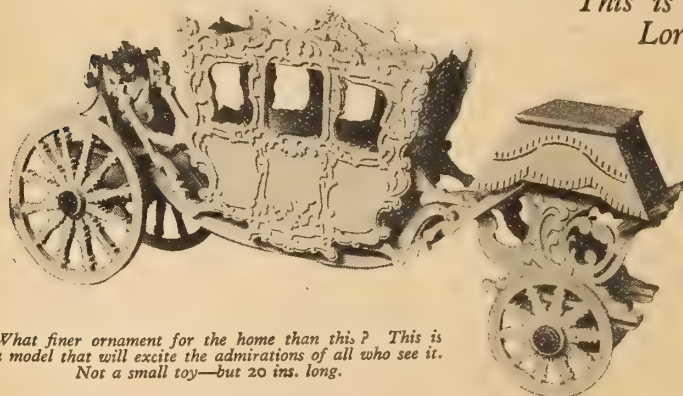


Fretwood—For making up this model a parcel of Satin Walnut and Plywood is supplied, with four turned Wood Hubs, two No. 219 Wood Turnings and sufficient Round Rod for Axles, etc., for \$1.40; postage .30
Fittings—Four Rubber Tires, a piece of Mica for the screen and Copper Gauze for the radiator, .60; postage .10

A Model of the LORD MAYOR'S COACH

Design No. 1985/6 Price .30; Postage .02

This is virtually an exact replica of the Lord Mayor of London's Coach.



What finer ornament for the home than this? This is a model that will excite the admirations of all who see it. Not a small toy—but 20 ins. long.

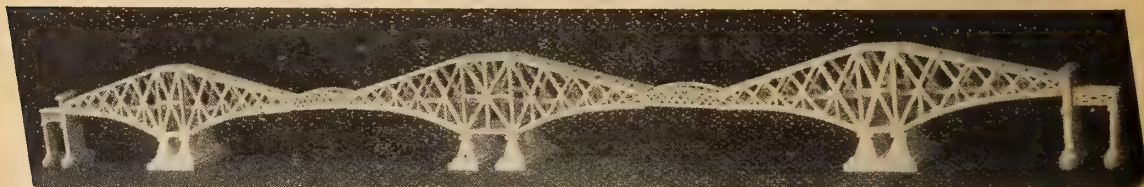
We have produced this design in response to very many requests. It is certainly a wonderful model—and, what is more—it does not call for more than an ordinary amount of skill or experience to build it with the fretsaw.

Fretwood—A parcel of selected Whitewood with four Turned Wood Hubs for Wheels and Round Rod for axles, and Planed Wood for Base, \$2.25; postage .30

Fittings—Two Glasses No. 5825, .10; postage .04

No. 1969 Model of the FORTH BRIDGE

Model-makers! Here is an opportunity of making an exact replica of the wonderful Forth Bridge, from the patterns provided on the design chart. This attractive model can be cut and completed with fretwork tools, and when made stands 3 ft. 7 1/4 ins. long, and 3 3/4 ins. high and 2 3/8 ins. wide. The photograph gives a good idea of the finished model.



Fretwood—Just any kind of wood is not good enough for making this Model. The wood must be of close, even texture and of a color to show up to advantage the constructional features of the bridge. We recommend Sycamore and a parcel of this material, with sufficient wood for making a baseboard costs only \$1.00; postage .25

Designs are not included in the Fretwood parcels

MODELS

NOAH'S ARK and Animals

DESIGN NO. 2007



Our earlier Noah's Ark design was one of the most popular in the entire Hobbies range. This new design has simple outlines and constructional features to recommend it, as well as the appeal and charm associated with a model of Noah's Ark. It is 10 ins. long, and the animals about 2½ ins. tall.

Fretwood—A parcel of selected Satin Walnut for the Ark, and Plywood for the Animals, with sufficient No. 48 Moulding, .75; postage .15

Fittings—A piece of lining cloth, 18 ins. by 9 ins., .15
A pair of fancy hinges No. 5308, .07; postage on fittings, .03



A Complete MODEL FARM

DESIGN NO. 1992

How's this for a novelty? A complete Model Farm—Animals, birds, etc., with an attractive little house. All so realistic! Each figure is made to stand and a piece of moulding already grooved acts as the base. The figures average about 2 ins. tall.



Fretwood—The parcel supplied contains good quality plywood with sufficient No. 48 grooved Moulding for making the bases. This parcel costs only .65; postage .15



These are some of the figures. Remember, they are shown full size on the design sheet. You will get a real "kick" out of this novelty. Make it up NOW!

MODEL OF SYDNEY HARBOUR BRIDGE

DESIGN No. 1900

Here is a splendid model which will appeal to everybody—a model of the Sydney Harbour Bridge. The actual bridge was opened in March, 1932.

The Model itself is 22 in. long and 5 in. all, and stands on a baseboard 23 in. by 4 in.



Anybody with a few fretwork tools, and materials listed below, can make this model.

Fretwood—For making this splendid model we supply a parcel of selected wood cut and planed to the required sizes with baseboard and sufficient brass wire for stays, .85; postage .20

Designs are .15 each unless otherwise stated

MODELS

DESIGN No. 157 SPECIAL

Price .25

Postage .02

DOLL'S HOUSE

Height 16 $\frac{3}{4}$ ins. Width 10 $\frac{1}{2}$ ins. Depth 8 ins.

This splendid doll's house is fitted with a front which swings open on hinges and so reveals the inside floors, which can be furnished in the usual way.

Fretwood—The parcel of Wood supplied includes planed Whitewood and Mahogany for all parts, the necessary Moulding and the Six Ornamental Knobs, \$3.25; postage .65

A complete set of Fittings—Hinges, Door Knobs, Window Glass, Hook, etc., .40; postage .05 Suitable Paper for Walls, .10 per Sheet.



No. 186 SPECIAL

Price .35

Postage .03

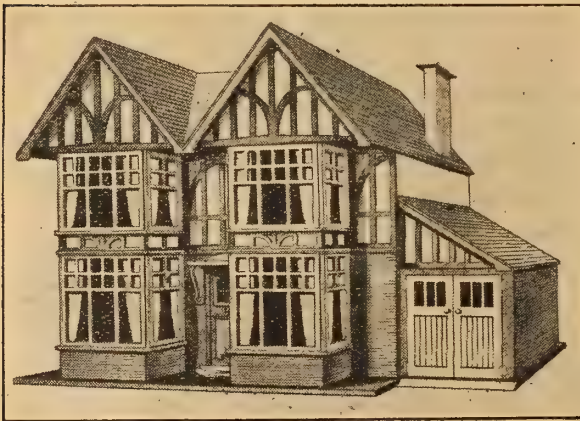
DOLL'S HOUSE

2 ft. high. 2 ft. 6 ins. wide.

A large, modern half-timbered house with four rooms and garage.

Fretwood—A parcel of Plywood for all parts, with Satin Walnut, Whitewood, and all Mouldings for decoration, \$4.85, Express Collect.

Fittings—The complete set of fittings—Glass, Tile, and Wallpaper, Door Knobs, Hinges and Screws—cost \$2.00; postage .15



No. 133 SPECIAL

Price .25

Postage .02

DOLL'S HOUSE

Height 15 ins. Width 17 ins. Depth 10 ins.

Fretwood—For this design we supply a parcel of Wood, Satin Walnut and White Overlay, with Spanish Chestnut for front, back and ends, including sufficient Nos. 17 and 18 Moulding, \$2.80; postage .30

Fittings—Nine pieces of Glass and pair of Brass Hinges, .35; postage .05



Designs are not included in the Fretwood parcels

DOLL'S FURNITURE

Constructed to scale of 1 inch to a foot for use with Doll's House, No. 186 Special, opposite.

The four Designs .60 ; postage .03

A range of designs of particular appeal to the doll's house enthusiast. They are really splendid examples of true to scale furniture.

No. 1988B Hall Stand, Hall Seat, Hall Mirror, Kitchen Dresser and Table and Chair.

Fretwood—A parcel of Oak and Whitewood is supplied for .40 ; postage .10

Fittings—1 each Mirrors, No. 5750 and 5751, .10. 2 Knobs, No. 49, .10 : Postage .03

No. 1989 Kitchen Overmantel, Wringer, Standard Electric Lamp, Settee with two Easy Chairs, Round Table and Plant Table.

Fretwood—For making this set of Furniture a parcel of Mahogany and Whitewood is supplied, also Round Rod and Beading, .45 ; postage .10

Fittings—1 each Mirrors Nos. 5702 and 5751, .20 ; Postage .03

No. 1998 Dining-Table, Two Dining-Room Chairs, Wagon, Sideboard and Bureau.

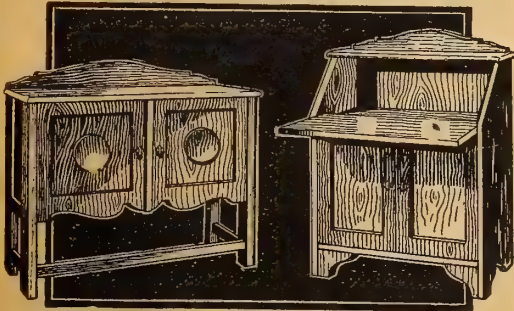
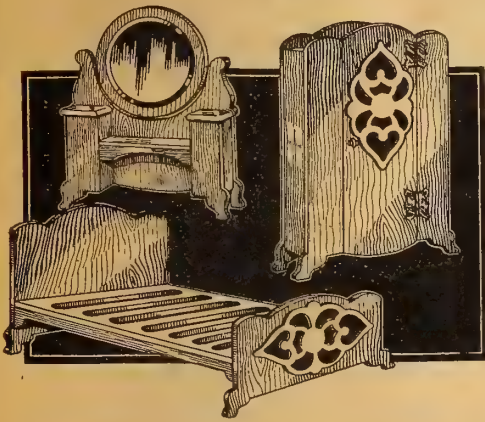
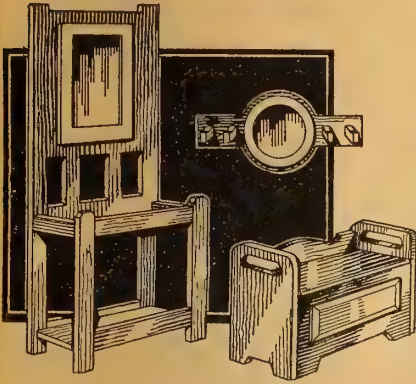
Fretwood—For making this set of Furniture a parcel of Oak and two No. 219 Buttons is supplied, .40 ; postage .10.

Fittings—2 Pairs Brass Hinges, .10 : Postage .02

No. 2003 Bed, Wardrobe, Dressing-Table, two Bedroom Chairs, and one Easy Chair.

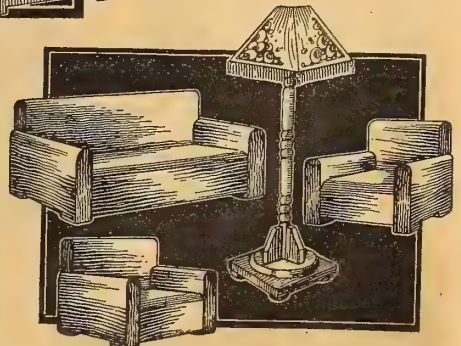
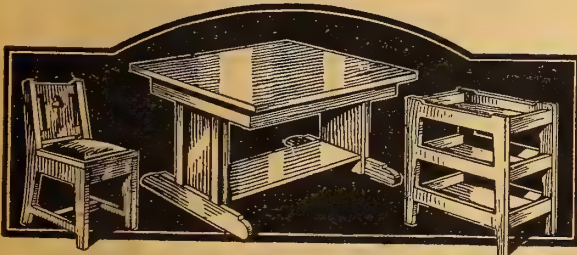
Fretwood—A parcel of selected Oak with two No. 826 Ready-cut Frets, .65 ; postage .10

Fittings—Round Mirror (5704), a length of Brass Wire, and a pair of fancy Hinges, .23 ; postage .03



A COMPLETE PARCEL

*A Parcel of Wood and Fittings for making all four designs
Costs only \$2.60 ; postage .30*



Designs are .15 each unless otherwise stated

PHOTO FRAMES

No. 837 CABINET PHOTO FRAME

Size 16½ ins. by 10 ins.



Fretwood—A parcel of selected Fretwood, .75; postage .15

Fittings—Overlay (5358), .25; Clear Glass (5804), .10; pair of ¾ in. Brass Hinges, .05; postage on fittings .10

No. 589

DOUBLE CABINET PHOTO FRAME

Size 15 ins. by 13 ins.]

Probably the most perfect fretwork Photo Frame ever published.



Fretwood—A parcel of Sycamore, .75; postage .15

Fittings—Two Clear Oval Glasses (5803), .20; Two Gilt Overlay Mounts (5355), .40; postage on fittings .10

No. 1795

TWO FLORAL PHOTO FRAMES

Height, 12½ ins. Width, 10 ins.
Height, 12½ ins. Width, 8½ ins.



Fretwood—For this design two "B" panels of Mahogany, .70; postage, .15

Fittings—Two postcard Glasses (5802), .20; 8 Corners (5101), .24; 2 Hinges (5364), .08; postage on fittings .10

No. 1526 DOUBLE CABINET PHOTO FRAME

Height 12¾ ins. Width 13 ins.



Fretwood—For this design we supply a parcel of Spanish Chestnut, with Padouk for Overlay, .90; postage .15

Fittings—Two Brass Overlays (5355), .40; Two Glasses (5803), .20; postage on fittings .10

No. 1744 PICTURE FRAME

By extending the design in sections the frame can be made as large as desired, or the shape altered to any picture. The illustration is of a frame 13½ ins. long, suitable for a picture 7½ ins. by 4½ ins.



Fretwood—For this design we supply a panel of Mahogany (A) and extra wood for fillets, with sufficient fancy waved Moulding, .70; postage .15

It will be found cheaper to purchase glass locally, as the cost of postage and packing amounts to the cost of glass itself.

Designs are not included in the Fretwood parcels

PHOTO FRAMES

No. 1544

"OUR PRINCE" PHOTO FRAME

Height 13 ins. Width 9 ins.

Fretwood—For this design we supply a parcel of Padouk and White-wood Overlay, .75; postage .15

Fittings—Oval Glass (5803); pair of Bracket Eyes and Photo of H.R.H. The Prince of Wales, .20; postage .05

No. 1829

POSTCARD PHOTO FRAME

14 ins. high. 9½ ins. wide.

Fretwood—Two "B" panels of Mahogany with Rosette No. 221, .80; postage .15

Fittings—Brass Overlay (5359), Glass (5802), and Hinge (5364), .44; postage .10

No. 1734

DUTCH PICTURE FRAME

13½ ins. high. 10½ ins. wide.

Fretwood—Panels of Mahogany (A and C) with Whitewood for Overlay, .75; postage .15

Fittings—Two postcard size Glasses to fit (5802), .20; postage .10

No. 2005

IRISH HARP PHOTO FRAME

Height 15½ ins. Width 12 ins.

Fretwood—A parcel of Sycamore of the required thicknesses, .75; postage .15

Fittings—Clear Glass (5803), .10; 12 metal Shamrock Leaves (5315), .30; Hinge (5364), .04; postage .06

No. 1920 TWO OVERLAID PHOTO FRAMES

Two frames of simple but pleasing outline. The taller one is made to hang whilst the long frame is provided with a strut to support it in a standing position.

Fretwood—For making these frames a parcel of Oak, with Padouk for Overlays, and plywood for backing, is supplied, \$1.00; postage .20

Fittings—A pair of fancy Corners (5116), .08; 2 Glasses (5802), .20; Hinge (5364), .04; postage .10

12½ ins. wide. 8½ ins. high.

8½ ins. wide. 11 ins. high.

Designs are .15 each unless otherwise stated

PHOTO FRAMES

No. 1509 LOUIS PHOTO FRAME

Height 11 ins. Width 5 ins.



Fretwood—For this design we supply a parcel of selected Mahogany, .60; postage .10

Fittings—Glass (5804), .10; postage .08
Postage on Wood and Glass, if sent together, .15

No. 18G

FOLDING DOUBLE PHOTO FRAME

14 ins. high.

15½ ins. wide.



Fretwood—We supply a parcel of Sycamore and Mahogany for this design, \$1.00; postage .20

Fittings—Two Embossed Metal Overlay Mounts (5355), .40; Two Cabinet Glasses (5803), .20; and special Swing Hinges (5217), .15 per pair. Postage on Fittings, .10

No. 1933 THE "LION" PHOTO FRAME

14½ ins. long.

12 ins. high.



Fretwood—For this design a panel of Mahogany is supplied, with Satinwood for Overlays, and sufficient No. 24 Moulding, \$1.15; postage .20

Fittings—2 Brass Ornaments (5410), .20; 2 Glasses (5802), .20; 1 Glass (5814), .10 Postage .08

No. 1885A CHRISTMAS PHOTO FRAME

Here is a design that is sure to appeal to a large number of our readers. It is a handsome piece of work, not too difficult even for the young worker. The frame is 15 ins. long and 11¼ ins. high.



Fretwood—The parcel supplied includes Whitewood for the main parts and dark wood for the Overlays, .90; postage .15

Fittings—A set of eight handsome metal corners (5106), two Glasses (5802), and two Brass Hangers, .55 the complete set, postage .10

Designs are not included in the Fretwood parcels

PIPE RACKS

No. 1718
DUTCH PIPE RACK
13½ ins. long. 9 ins. high.



Fretwood—For this design a parcel of selected Mahogany and Sycamore Overlays, .65; postage .10

Fittings—Two pairs Brass Hinges, .10; four embossed metal Rosettes (5235), .10; postage .02

No. 1848
“BRITANNIC” PIPE RACK
14 ins. long. 9½ ins. high.



Fretwood—For this design the Mahogany panel “A” is supplied and other wood, with sufficient No. 17 Moulding, .75; postage .15

Fittings—One Spray (5410), two Rosettes (5408), .15; postage .02

No. 1568
QUEBEC BRIDGE
PIPE RACK

Length 19 ins.
Height 7½ ins.

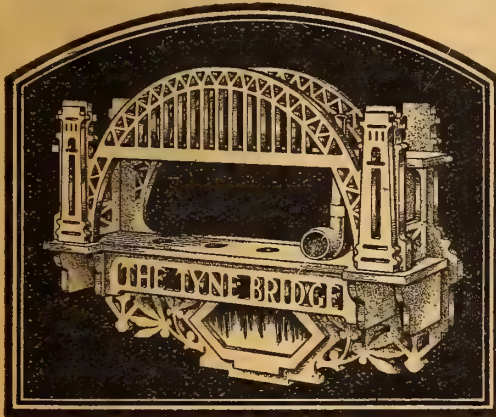
The wording “Pont du Quebec” may be used in place of that shown, if desired. Both appear on the design sheet.



Fretwood—For this design we supply a parcel of Fretwood and Dark Overlay, .80; postage .20

Fittings—Oval Convex Mirror (5744), .50; three Maple Leaf Overlays (5239), .08; postage .06

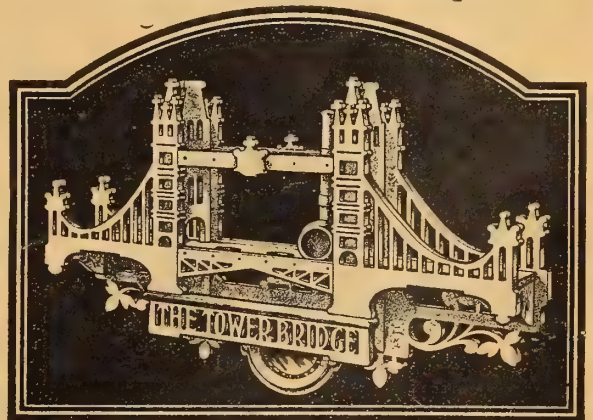
No. 1743
THE “TYNE BRIDGE” PIPE RACK
13¾ ins. long. 10½ ins. high.



Fretwood—For this design we supply a parcel of planed and handsome Whitewood, \$1.00; postage .20

Fittings—Bevelled-edge hexagonal Mirror (5720), .30; pair Bracket Eyes, .03; postage .04

No. 1769
THE TOWER BRIDGE PIPE RACK
Length 18½ ins. Height 10½ ins.



Fretwood—A parcel of selected Beech is supplied for this design, \$1.25; postage .20

Fittings—Bevelled-edge Mirror No. 5717, .25; pair of Bracket Eyes, .03 Postage on Fittings, .04

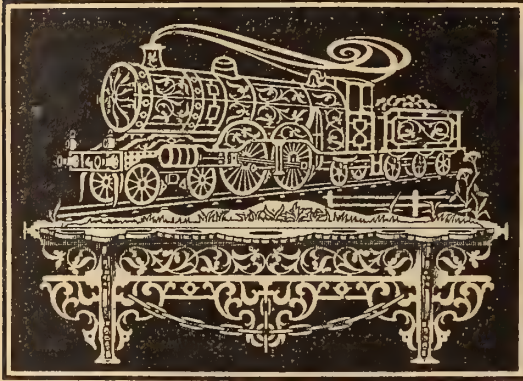
Designs are .15 each unless otherwise stated

PLANT STANDS

No. 570 "EXPRESS" PIPE RACK

Size 16 ins. by 11 ins.

One of our earliest Pipe Rack designs, yet still popular with a large number of fretworkers. It is a splendid example of the fretcutter's art.

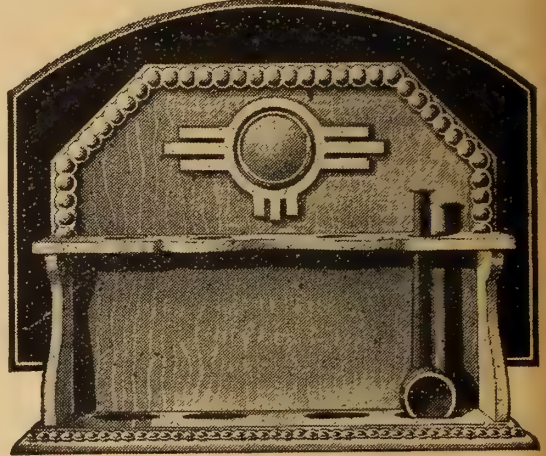


Fretwood—To cut this design successfully the wood must be hard, close-grained, and of even texture. We recommend Sycamore and supply a parcel of this wood for all parts. Price .75; postage .15

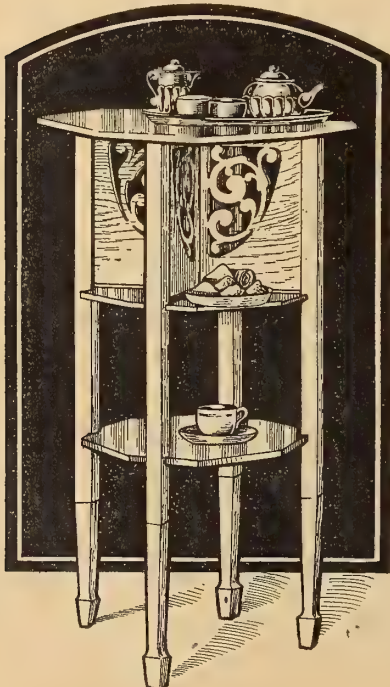
No. 1832 MODERN PIPE RACK

10 ins. long. 7 ins. high.

Compare this design with the one to the left! Whether you prefer the old style fretwork or the plainer type of to-day, Hobbies can meet your requirements.



Fretwood—A parcel of suitable Oak in all the necessary thicknesses, cut the sizes required, and including the special half-round Beading and Ornament, costs only .65; postage .15



No. 1971 TEA OR COFFEE TABLE

This attractive little Table is 30 ins. tall, and has a top 14 ins. square. The legs are supplied grooved.

Fretwood—A parcel of Oak with a Set of No. 523D Grooved Legs, and sufficient No. 34 Bead Moulding, \$4.15; Express Collect.

Fittings—Angle Plates No. 101, .15 per set of 4; postage .03

No. 164 SPECIAL PALM STAND

Price .25 Postage .02

Height, 2 ft. 9 ins.
Spread of Feet, 11 ins.

The handsome double-shelf Palm Stand is rigid, strong, simple to cut and construct, and equal to any bought article at double the price.

For this design we supply a parcel of Sycamore in the required thickness for all parts, \$3.40; postage .65



Designs are not included in the Fretwood parcels

TOILET MIRRORS

No. 1761 DRESSING TABLE MIRROR

Height $14\frac{1}{2}$ ins.

Width 15 ins.



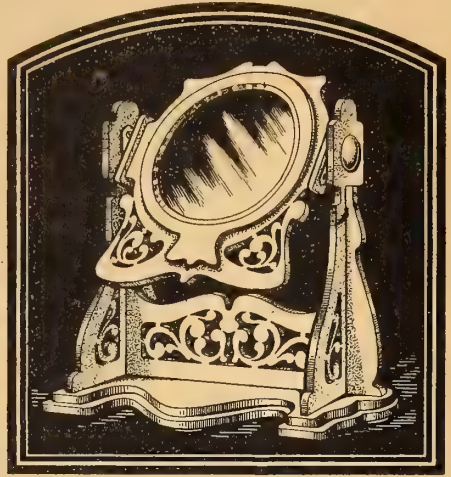
Fretwood—For this design we supply a parcel of selected Oak and Padouk with two No. 16 Knobs, \$2.25; postage .45

Fittings—Large handsome Bevelled Mirror (5732), \$1.75; a pair of (6133) Swivels, .20. Postage on Fittings, .20

No. 1816

SHAVING MIRROR

$11\frac{1}{2}$ ins. high, $11\frac{1}{4}$ ins. wide, $5\frac{1}{2}$ ins. deep.

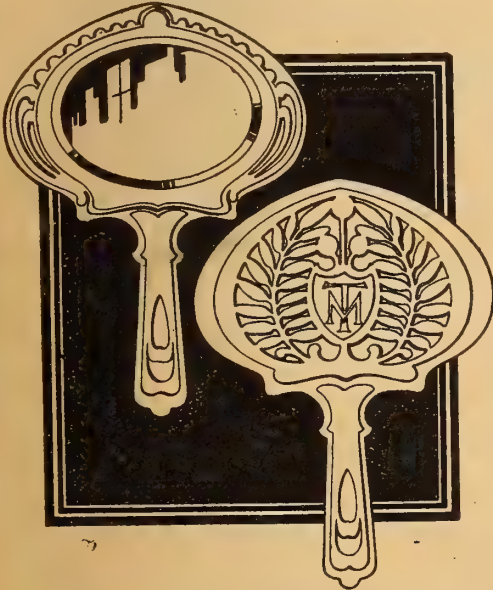


Fretwood—Three Mahogany panels, Whitewood for Overlay, and six No. 218 Wood Ornaments, \$1.25; postage .25

Fittings—Mirror (5738), .30; Swivels (6133), .20 per pair; postage on Fittings, .08

No. 1782 LADY'S HAND MIRROR.

Size $10\frac{1}{2}$ ins. by $7\frac{1}{2}$ ins.



Fretwood—For this design a parcel of selected White-wood is supplied, .50; postage .10

Fittings—Bevelled Oval Mirror (5730), .65; postage .10

No. 1479 TOILET MIRROR AND PIN TRAY

Size $11\frac{1}{2}$ ins. by $5\frac{3}{4}$ ins.



Fretwood—For this design we supply a parcel of Whitewood, .50; postage .10

Fittings—Bevelled-edge Oval Mirror (5730), .65; postage .10

Designs are .15 each unless otherwise stated

TRAYS



No. 1294 AFTERNOON TEA TRAY

16 ins. long. 10 ins. wide.

Fretwood—A parcel of fine Fretwood, with Japanese Braided Grass Paper, and sufficient polished Moulding for frame, \$1.85; postage .25

Fittings—Glass (5827), .50; a pair of Brass Tray Handles, No. 3, .50; postage on Fittings, .20

No. 780a TEA TRAY

Size 18 ins. by 12 ins.

Fretwood—We supply a parcel of Mahogany with White and Dark Overlays, complete with special Tray Moulding, \$1.80; postage .30

Fittings—Pair Tray Handles (No. 3), .50; Sheet of Glass (5820), .60; postage on Fittings, .35



SIX SIMPLE ARTICLES

No. 185 Special. Price .25 Postage .02

Fretwood—Mahogany Panels and No. 19 Feet, \$1.15; post .15

Fittings—Complete Set Mirrors, Glasses, etc., .65; post .10



No. 1705 TWO VASE HOLDERS

Large—11 ins. high, 10 ins. wide.
Small—9½ ins. high, 7¼ ins. wide.

Fretwood—The wood for cutting both these Vase Holders is obtainable in the Mahogany Panels B, D, and E, .70; postage .15

Fittings—For the Circular Holder, a handsome Greenware Vase (6006) is supplied, .40; A smaller one (6003) for the other bracket is .25 The pair .75, post paid.



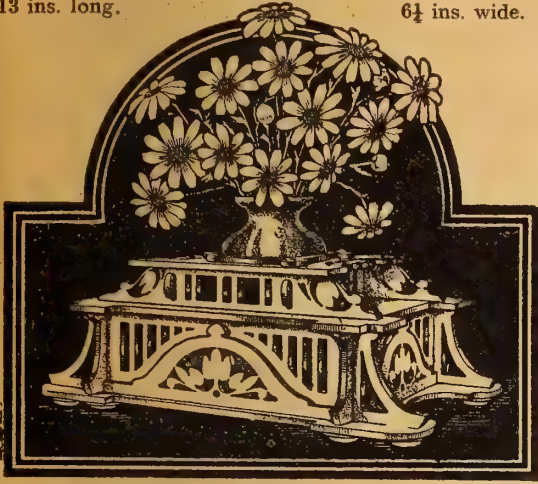
Designs are not included in the Fretwood parcels

VASE HOLDERS

No. 1759 TABLE CENTER VASE STAND

13 ins. long.

6½ ins. wide.

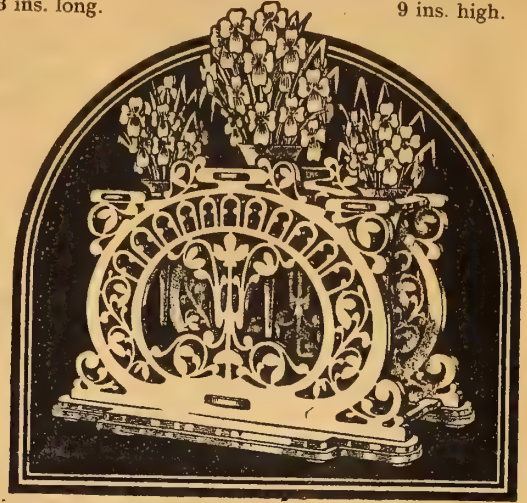


Fretwood—Three Mahogany panels are supplied (one "D" and two "B") and eight No. 20 Toes, \$1.00; postage .15
Fittings—A handsome and suitable Greenware Vase (6007), .40; postage .10

No. 1803 VASE STAND

13 ins. long.

9 ins. high.



Fretwood—Two "B" panels of Mahogany with other wood and eight No. 19 Toes, \$1.00; postage .15
Fittings—Two Vases (6003), .50; one Vase (6006), .40; postage .15

No. 1451 EPERGNE

Height 12 ins.

Width 7¾ ins.



Fretwood—A parcel of Satin Walnut, .65; postage .15

Fittings—Set of 5 Greenware Vases (6003), \$1.25; postage .15

No. 1726 PAIR OF VASE HOLDERS

Vase illustrated—12 ins. high, 8 ins. wide.

Smaller Vase (not shown)—9¾ ins. high, 6 ins. wide.

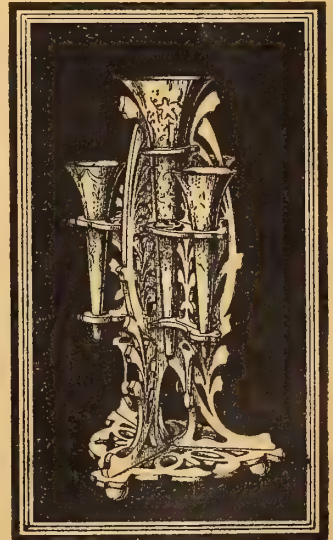


Fretwood—For the design illustrated and another single-vase bracket we supply a parcel of Whitewood, .65; postage .15

Fittings—A set of four Greenware Vases (6003), \$1.00; postage .10

No. 881 STAND FOR FOUR VASES

Height 13 ins.



Fretwood—Sufficient Whitewood and Feet for making the above Stand and another small Vase (not illustrated), .80; postage .15

Fittings—Large Glazed Green Vase (6006), .40; and four small Vases (6003), \$1.00 The complete set of five, \$1.55 post paid.

Designs are .15 each unless otherwise stated

VASE HOLDERS



No. 1412

PAIR OF VASE STANDS

8½ ins. high. 5 ins. wide.

Fretwood—We supply a parcel of selected Whitewood, .50; postage .10

Fittings—Pair of Greenware Vases (6016), .50; postage .10

No. 17 SPECIAL HANDSOME CENTER FLOWER STAND

Price .25; postage .02

18 ins. high by 16½ ins. wide.

Fretwood—Parcel of selected Satin Walnut of the thicknesses recommended, \$2.95; postage .45

Fittings—Five handsome Greenware Vases (6007), \$2.00; postage .30



No. 601

FLOWER CRESCENT

Size 11 ins. by 8 ins.



Fretwood—A parcel of selected Wood, .80; postage .10

Fittings—Handsome Greenware Vase (6007), .40; postage .10

No. 1720

PEDESTAL VASE

10 ins. high. 5½ ins. square.



Fretwood—Mahogany with Nos. 17, 21, and 36 Moulding, \$1.00; postage .20

Fittings—Four handsomely embossed metal ornaments (5235), for .10; postage .02

No. 1818

JAPANESE FLOWER BRACKET

14½ ins. high. 9 ins. wide.



Fretwood—Mahogany "A" panel with extra wood required, .50; postage .10

Fittings—Greenware Vase (6006), .40; postage .08

Designs are not included in the Fretwood parcels

VASE HOLDERS

No. 1653

VASE BRACKET

Height 13 ins. Width 11½ ins.

Fretwood—For this design we supply a parcel of selected Spanish Chestnut, .60; postage .15

Fittings—Greenware Vases (6003), .50 per pair; postage .10

No. 1369

The "STAG" VASE BRACKETS

Height 12½ ins. Width 7¾ ins.

Fretwood—A parcel of Whitewood for making a pair of these Brackets, .80; postage .15

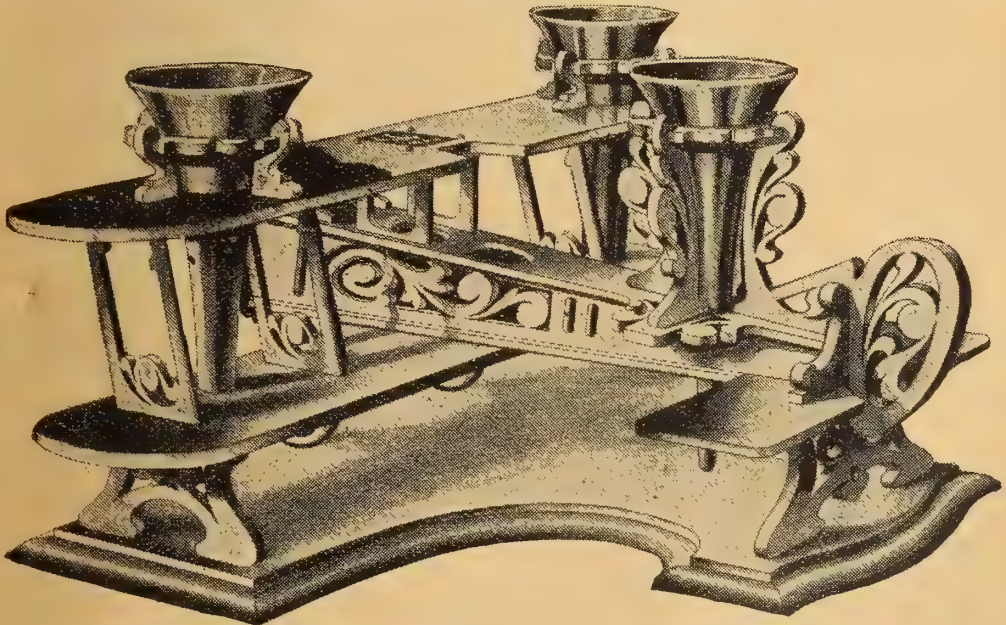
Fittings—Two New Greenware Vases (6007), .80 per pair; postage .15



DESIGN No. 123 SPECIAL PRICE .25; POSTAGE .02

AEROPLANE TABLE VASE STAND

Size 6½ ins. high (including Vases), depth 11 ins., breadth 13 ins.



Fretwood—A parcel of suitable Sycamore for this handsome and attractive design cut to the various sizes required, and of the correct thicknesses, \$1.25; postage .20

Fittings—In connection with this design we supply a special vase. Handsome British-made Greenware Vases (6003) .75 per set. Postage .10

Designs are .15 each unless otherwise stated

MISCELLANEOUS



No. 1529 AUTOMATIC WEATHER HOUSE

Height 12½ ins. Width 8 ins.

Fretwood—For this design we supply a parcel of Beech, with Rod and Knob, .95; postage .15

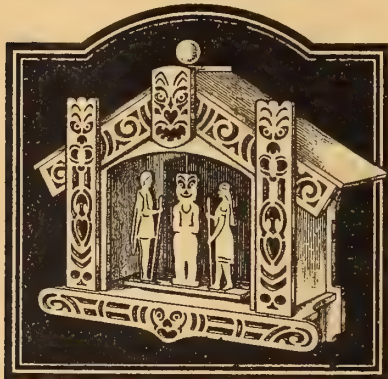
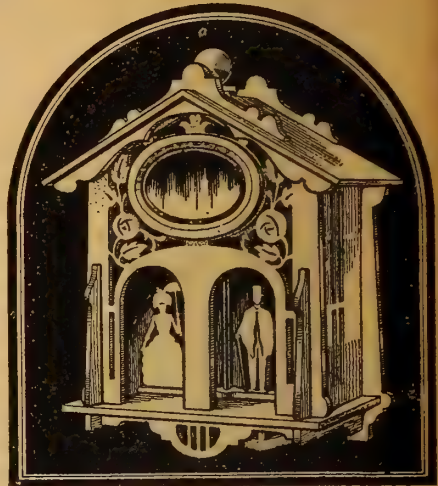
Fittings—One piece Gut and pair of Bracket Eyes, .10; postage .02

No. 1861 WEATHER HOUSE

11 ins. high.

Fretwood—For this design the Mahogany Fretwood Panels are supplied. Two "B" Panels with sufficient Dowelling and No. 15 Knob, .85; postage .15

Fittings—Bevelled Oval Mirror (5719), and a piece of Gut for hanging Figures, .30; postage .05



No. 1749 MAORI WEATHER HOUSE

11½ ins. wide. 10 ins. high.

Fretwood—Two panels of Mahogany (B), No. 15 Knob, a piece of Catgut, and Bracket Eyes, .90; postage .15

No. 1965 FRUIT STAND

7 ins. high.

Fretwood—Selected wood with four turned Columns and small Toes, \$1.15; postage .20

Fittings—Steel support Rod, .15; postage .05 Fruit Plate, .40; postage .15



No. 862 FRUIT STAND

11 ins. high.

Fretwood—We supply a parcel of selected Fretwood, .75; postage .15

Fittings—Handsome decorated Dessert Plate (6017), .40; postage .15

No. 1763 FRUIT STAND

Height 12¼ ins. Width 12½ ins.

Fretwood—For this design we supply a parcel of Beech, \$1.75; postage .30

Fittings—Dessert Plate (6017), .40 each, postage on two, .20



Designs are not included in the Fretwood parcels

MISCELLANEOUS

No. 1814 PLAQUE WITH MOTTO

Size: 15 ins. long, 10½ ins. wide.

This motto carries a message which many of us know to be true.



Fretwood—For this design the Mahogany panel "B" of Fretwood is supplied with other wood, .45; postage .10.

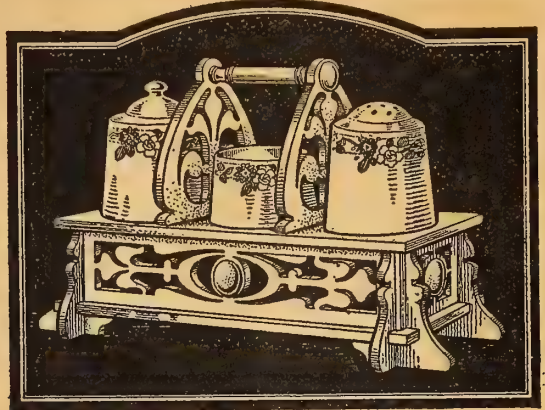
Fittings—A set of three Bells (5337), .09½; postage .01

No. 1853 BREAKFAST CRUET

9 ins. long.

3½ ins. wide.

5¾ ins. high.



Fretwood—For this design "B" panel of Mahogany is supplied with six No. 219 buttons, .45; postage .10.

Fittings—A set of Cruets (5611), with Spoons, .80
Erinoid Handle (5395), .15; postage on both, .10

No. 21G CALENDAR

13½ ins. high, 7 ins. wide.



Fretwood—For making this Calendar design and the "Good Luck" Motto (not illustrated) we supply a parcel of Whitewood and Padouk, .65; postage .15

Fittings—A set of celluloid cards (6161), .30; Circular bevelled-edge Mirror (5711), .20; postage on Fittings .05

No. 1665

MATCH BOX CONTAINER

[Height 13½ ins. Width 5½ ins.



Fretwood—A parcel of selected Oak and Padouk, .60; postage .15

Fittings—A pair of small Brass Hinges, .05; postage .01

No. 731

HAZEL-NUT CALENDAR

Size 8½ ins. by 13 ins. by 2 ins



Fretwood—Parcel of Fretwood, .50; postage .10

Fittings—Set of perpetual Calendar Cards (6106), .40 per set; postage .02

Designs are .15 each unless otherwise stated

MISCELLANEOUS

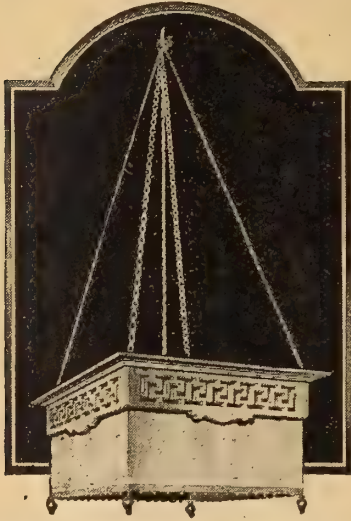
No. 1741

HANGING LAMP SHADE

15½ ins. square.

3½ ins. deep.

Another example of the decorative value of modern Fretwork.



Fretwood—A parcel of selected Mahogany, including Mahogany-faced 3-ply, with sufficient No. 21 Moulding and Angle Fillet, \$1.00; postage .20

Fittings—Brass Chain and Four Brass Hooks, .40; postage .05

(No silk shade can be supplied).

No. 5 Special LORD'S PRAYER TABLET

Price
.25

3 ft. 6 ins.
high.

postage
02

1 ft. 7 ins.
wide.



Fretwood—For this piece of work we supply a parcel of wood for cutting out the wording and overlays. The complete parcel costs \$6.85, Express Collect.

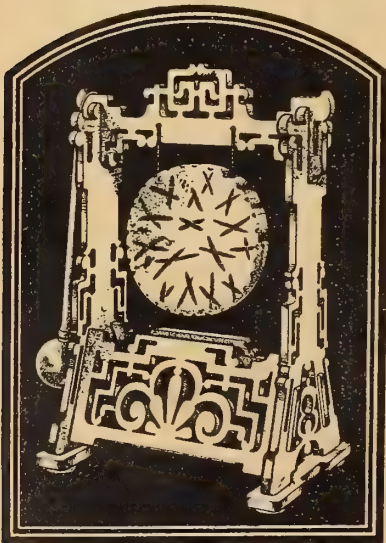
No. 53 Special HYMN BOARD

Price .25; postage .02
Size 32 ins. high by 13½ ins. wide.



Fretwood—We supply a parcel of suitable Satin Walnut in the necessary thicknesses, \$3.00; postage .65

Fittings—Set of Cards 0 to 9—six of each number, .50; postage .05



No. 1766

CHINESE GONG

Height 11 ins. Width 8 ins.

Fretwood—For this design four Mahogany panels "C" are supplied with No. 20 Toes, .85; postage .15

Fittings—Burmese pattern, 4 in. Gong, with Beater, \$1.40; postage .10

No. 1646

NEWSPAPER RACK

Height 12½ ins.

Width 10½ ins.

Fretwood—For this design we supply a parcel of Spanish Chestnut, .85; postage .15

Fittings—Pair Hangers (6134) .04; postage .01



Designs are not included in the Fretwood parcels

MISCELLANEOUS

No. 1983 BRITANNIA CALENDAR

13½ ins. high.



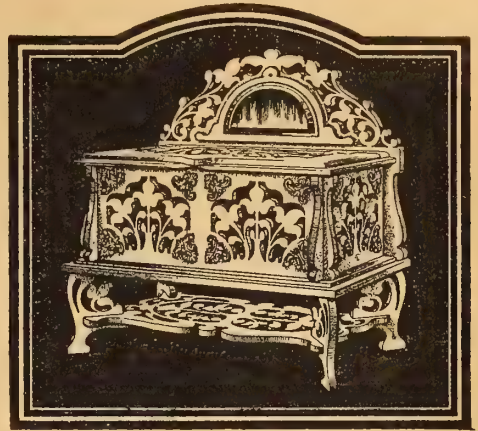
Hobbies Designs are printed sharp and clear, and give full cutting and constructional details. You are not left in doubt on any point.

Fretwood—Mahogany Panel "B" and White-wood is supplied for making this Calendar, price .75 ; postage .15

Fittings—Set of Perpetual Calendar Cards, No. 6161, .30 ; postage .02

No. 1534 JEWEL CASKET

Length 8½ ins. Height 9 ins. Depth 5 ins.



Fretwood—For this design we supply a parcel of selected Whitewood, .75 ; postage .15

Fittings—Bevelled Mirror (5717), .25 ; 16 metal corner Ornaments (5236), .25 ; one pair Brass Hinges (5308), .10 ; .60 per set ; postage .05



No. 1780

TEN FRETWORK CHRISTMAS CARDS

Each 5½ by 3½ ins.

Fretwood—For this design a parcel of assorted fretwood is supplied for making the ten cards, .65 ; postage .10

Fittings—Six Holly Sprays (5451), two Bells (5337), two Shamrocks (5315), and two Gilt Christmas Seals. The complete set of fittings, .40 ; postage .02



No. 1631 CRUMB TRAY AND BRUSH And Small Bowl Stand

Tray size: 10 ins. long, 6½ ins. wide.

Fretwood—For this design we supply a parcel of selected Mahogany, .65 ; postage .15

Fittings—Circular Transfer (5147), for the Tray .05, and for the Brush (5349), .03 ; Crumb Brush (6167), .45 ; Postage on Fittings, .08



Designs are .15 each unless otherwise stated

MISCELLANEOUS



No. 1336
MATCH BOX HOLDER
10 ins. wide. 14 ins. high.

Fretwood—Satin Walnut and Whitewood for making the Holder and a Photo Frame, not illustrated, .65; postage .15

Fittings—Twelve Overlays (5236) and Glass (5837) for Photo Frame, .30; postage .05

No. 1713
THREE TABLE MATS

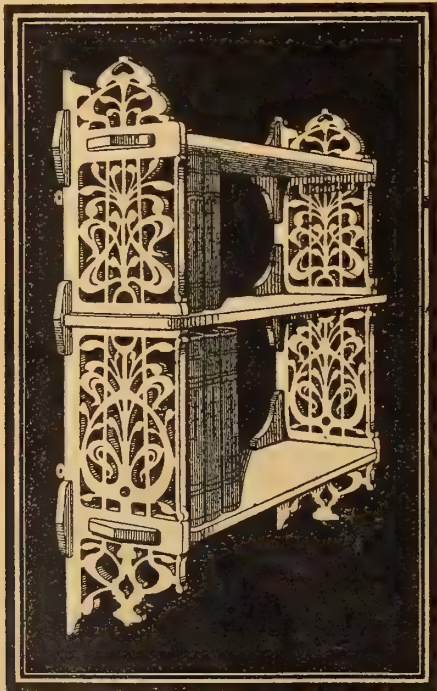
For making one each of the three Mats on this design we supply a parcel of first quality Beech, \$1.00; postage .15



No. 128 SPECIAL; HANGING BOOKCASE

Price .25; postage .02

Size 1 ft. 10 ins. high. 1 ft. 10 ins. wide.



Fretwood—For this design a parcel of selected Spanish Chestnut, \$2.40; postage .65

No. 37 SPECIAL, REVOLVING BOOKCASE

Price .25; postage .02

Height 16 ins. 14 ins. Square.



Fretwood—Parcel of Satin Walnut, $\frac{1}{4}$ in., $\frac{3}{8}$ in., and $\frac{1}{2}$ in., including four No. 22 Ball Feet, \$5.00; postage .75

Fittings—Metal Upright, Plates and Screws (6155), .50; postage .10

Designs are not included in the Fretwood parcels

Des.	Page	Des.	Page	Des.	Page	Des.	Page	Des.	Page
500—1299		1534	129	1789	97	1891	94	1992	113
570	120	1544	117	1795	116	1894	92	1998	115
589	116	1551	100						
601	124	1568	119						
668	105	1569	100						
724	20	1610	103	1800		1900		2000	
731	127	1631	129			1900	113	2003	115
754	99	1640	97	1800	100	1906	104	2005	117
768	24	1646	128	1801	108	1908	110	2007	113
780A	122	1650	105	1803	123	1910	102	2009	24
783	108	1653	125	1814	127	1916	102		
797B	107	1658	107	1816	121	1920	117	Special Designs	
837	116	1665	127	1818	124	1924	93	1	96
862	126			1821	107	1927	103	5	128
865	99	1700		1822	97	1929	97	17	124
881	123			1825	24	1931	105	28	111
984	96	1703	122	1829	117	1932	93	33	104
1009	106	1715	130	1832	120	1933	118	38	101
1066	99	1718	119	1835	98	1934	93	53	128
1141	108	1720	124	1842	24	1935	110	84	130
1142	99	1726	123	1847	107	1936	93	91	109
1144	99	1729	101	1848	119	1938	93	123	125
1193	100	1732	108	1853	127	1941	106	128	130
1294	122	1734	117	1854	99	1943	107	133	114
		1741	128	1861	126	1945	26	152	104
		1742	106	1868	95	1951	112	156	24
		1743	119	1870	95	1957	109	157	114
1300—1699		1744	116	1873	98	1959	96	164	120
1336	130	1746	101	1876	94	1961	103	165	102
1339	108	1749	126	1880	95	1965	126	183	24
1369	125	1759	123	1882	95	1969	112	185	122
1407/8	103	1761	121	1883	24	1971	120	186	114
1412	124	1763	126	1884	94	1975	105	187	111
1439	108	1766	128	1885A	118	1979	103		
1451	123	1769	119	1886	92	1979B	92	" G " Designs	
1479	121	1780	129	1887	98	1983	129	18	118
1509	118	1782	121	1888	95	1985/6	112	19	105
1526	116	1787	104	1889	94	1988B	115	21	115
1529	126			1890	98	1989	115		

CLASSIFIED FRETWORK DESIGNS

EDITORIAL ARTICLES

Make Money with Cut-Out Calendars	Page 6
How to make a "Tivoli" Board	10
Tray-Making for the Amateur	11
Making your own Jig-Saw Puzzles	12
Fretwork Instructions for the Beginner	14
How to make a Puzzle Money-Box	16
Wood-Carving is a Fascinating Hobby	17
How to Cut Letters for a Notice Board	20
Musical Instruments you can make and play	22
Making a Grandmother Clock	26
Fretwoods—How to Recognize them	28



GENERAL INDEX

	PAGE		PAGE		PAGE
Al Machine	44	"Gem" Machine	44	Plywood	31
Anchor Machine	47	Glasses	86	Polishes and Stains	69, 70
Ball Bearing Pitman	46	Glue and Glue Kettle	58	Powder Dyes	70
Ball Catches	81	Gold Paint	70	Rasps	57
Beading	38	Gouges	53	Ready-Cut Frets	36
Bench Stop	60	Hammer	61	Rules	67
Bent Iron Ribbon	59	Handbooks	23, 25	Sandpaper Blocks and Refills	59
Bolts	79	Handframes	49 to 51	Sandpaper Discs	46
Bradawls	67	Handframe Parts	51	Sash Cramp	61
Brushes	58	Handles	78, 84	Saws	49 to 53
Calendar Pads	8	Handsaws	53	Screws	82
Calendar Pictures	8, 9	Hinges	81	Screws and Shackles	51
Calendar Supports	8	Hooks	82	Screwdrivers	67
Candle Socket	83	Ink wells	83	Screw Eyes	82
Carbon Paper	83	Ivory	32	Side Wings for Machines	46
Carpentry Outfit	62	Jig-Saw Glue	13	Spirit Level	65
Carving Designs	17, 68	Jig-Saw Outfit	13	Spokeshave	65
Carving Tools	68	Knobs	36, 78	Square	67
Casters	80	Lathes	48	Square-foot Chart	31
Centers and Chucks	46	Lathe Tools	46	Stains	70
Chisels	53	Leatherette Papers	77	Straight Edge	56
Circle Cutter	59	Legs	34, 35	Stripwood	33
Clock Movements	80	Linen Cloth	77	Strut for Photo Frames	81
Companion Lathe	48	Locks	79	Tenon-Saws	53
Compasses	59	Machines and Parts	44 to 48	Thermometers	83
Cramps	61 to 63, 65	Mail Order Information	1	Tires (Model)	80
Cut-out Calendars	8, 9	Mating Tools	56	Tool Racks and Clips	56
Cutting Tables	55	Mirrors	86	Tracing Paper	83
Designs	16, 17, 24, 26, 87 to 130	Mitre-Cutting Tools	63, 64	Transfers	21, 71 to 76
Design Fittings	78 to 86	Mouldings	39 to 43	Transfer Fixer	72
Doll's House Papers	77	Nails	82	Tray Handles	83
Dowelling	38	Ornaments—Metal	84, 85	Tray Parcels	11
Drills and Points	54	Wood	36, 37	Triumph Machine	48
Dust Blowers	51	Outfits—Carpentry	62	Trump Indicators	83
Ebonising Solution	70	French Polish	69	Turnings	36
Egg-Shell Black	70	Fretwork	1 to 5	Ukulele Neck	25
Files	57	Jig-Saw	13	Varnish	70
Fillet Strips	32	Padlock	79	Vases	83
Four-corner Cramp	62	Panels of Wood	32	Veneer Papers	77
French Polish	69	Pantograph	66	Vises	60
Fretmachines	44, 47, 48	Paste	58	Wheels for Toys	80
Fretsaws	52	Photo Clips	81	Wood	29 to 33
Fretsaw Frames	-49 to 51	Picture Rings	82	Wood Ornaments	36, 37
Fretwood	30 to 33	Planes	66	Xylonite	32
Fretwork Outfits	1 to 5				

